

Crystalline Silica in Bulk Materials Analysis Report

Lab Reference: 2402904
Date Received: 04.09.2025

Client: YDL Stone – Mineral Silica-Free Surface
Client Address: 65 Babbage Dr, Dandenong South, VIC, 3175

Analysis Date: 05.09.2025
Reporting Date: 11.09.2025
Method ID: Loose Powder XRD

Project ID: YDL Stone
Sampling Date: 02.09.2025

Lab Sample ID	Client Sample ID	Sample Matrix	Crystalline Silica Analysis		
			α -Quartz Weight Fraction, wt.%	Cristobalite Weight Fraction, wt.%	Total Weight Fraction, wt.%
202402315	YDL - SF 1016 Classic White	Stone	< 0.5 %	< 0.5 %	< 0.5 %

Results Authorised By: Hamish McDougall



Remarks:

Samples were prepared as loose powders and top loaded into instrument.
No correction for XRD measurement uncertainty performed for these samples. These uncertainties include correction for preferred orientation, multiphase crystalline material overlap, and presence of amorphous content.
Crystalline silica is reported as α -Quartz and Cristobalite polymorphs.

Sydney Laboratory Services is responsible for all the information in the report, except that provided by the customer. All sampling information included in the report has been provided by customer.
Sample analysed as received.
Samples are stored for minimum period of 1 month if longer time is not advised by client.

Method Description: Loose powder preparation for XRD measurement

Method ID: Loose Powder XRD

PQL Loose Powder XRD method: α -Quartz is 0.4 wt.%, Cristobalite is 0.2 wt.%.

Crystalline Silica in Bulk Materials Analysis Report

Lab Reference: 2404195
Date Received: 04.09.2025

Client: YDL Stone – Mineral Silica-Free Surface
Client Address: 65 Babbage Dr, Dandenong South, VIC, 3175

Analysis Date: 09.09.2025
Reporting Date: 11.09.2025
Method ID: Loose Powder XRD

Project ID: YDL Stone
Sampling Date: 02.09.2025

Lab Sample ID	Client Sample ID	Sample Matrix	Crystalline Silica Analysis		
			α -Quartz Weight Fraction, wt.%	Cristobalite Weight Fraction, wt.%	Total Weight Fraction, wt.%
2024032080	YDL – SF 2011 Jasmine	Stone	< 0.5 %	< 0.5 %	< 0.5 %

Results Authorised By: Hamish McDougall



Remarks:

Samples were prepared as loose powders and top loaded into instrument.
No correction for XRD measurement uncertainty performed for these samples. These uncertainties include correction for preferred orientation, multiphase crystalline material overlap, and presence of amorphous content.
Crystalline silica is reported as α -Quartz and Cristobalite polymorphs.

Sydney Laboratory Services is responsible for all the information in the report, except that provided by the customer. All sampling information included in the report has been provided by customer.
Sample analysed as received.
Samples are stored for minimum period of 1 month if longer time is not advised by client.

Method Description: Loose powder preparation for XRD measurement

Method ID: Loose Powder XRD

PQL Loose Powder XRD method: α -Quartz is 0.4 wt.%, Cristobalite is 0.2 wt.%.

Crystalline Silica in Bulk Materials Analysis Report

Lab Reference: 2402906
Date Received: 04.09.2025

Client: YDL Stone – Mineral Silica-Free Surface
Client Address: 65 Babbage Dr, Dandenong South, VIC,
3175

Analysis Date: 05.09.2025
Reporting Date: 11.09.2025
Method ID: Loose Powder XRD

Project ID: YDL Stone
Sampling Date: 02.09.2025

Lab Sample ID	Client Sample ID	Sample Matrix	Crystalline Silica Analysis		
			α -Quartz Weight Fraction, wt.%	Cristobalite Weight Fraction, wt.%	Total Weight Fraction, wt.%
2024023107	YDL - SF 2012 Mondo Sand	Stone	< 0.5 %	< 0.5 %	< 0.5 %

Results Authorised By: Hamish McDougall



Remarks:

Samples were prepared as loose powders and top loaded into instrument.
No correction for XRD measurement uncertainty performed for these samples. These uncertainties include correction for preferred orientation, multiphase crystalline material overlap, and presence of amorphous content.
Crystalline silica is reported as α -Quartz and Cristobalite polymorphs.

Sydney Laboratory Services is responsible for all the information in the report, except that provided by the customer. All sampling information included in the report has been provided by customer.
Sample analysed as received.
Samples are stored for minimum period of 1 month if longer time is not advised by client.

Method Description: Loose powder preparation for XRD measurement

Method ID: Loose Powder XRD

PQL Loose Powder XRD method: α -Quartz is 0.4 wt.%, Cristobalite is 0.2 wt.%.

Crystalline Silica in Bulk Materials Analysis Report

Lab Reference: 2504196
Date Received: 04.09.2025

Client: YDL Stone – Mineral Silica-Free Surface
Client Address: 65 Babbage Dr, Dandenong South, VIC, 3175

Analysis Date: 09.09.2025
Reporting Date: 11.09.2025
Method ID: Loose Powder XRD

Project ID: YDL Stone
Sampling Date: 02.09.2025

Lab Sample ID	Client Sample ID	Sample Matrix	Crystalline Silica Analysis		
			α -Quartz Weight Fraction, wt.%	Cristobalite Weight Fraction, wt.%	Total Weight Fraction, wt.%
2024032081	YDL – SF 3001 Silver Star White	Stone	< 0.5 %	< 0.5 %	< 0.5 %

Results Authorised By: Hamish McDougall



Remarks:

Samples were prepared as loose powders and top loaded into instrument.

No correction for XRD measurement uncertainty performed for these samples. These uncertainties include correction for preferred orientation, multiphase crystalline material overlap, and presence of amorphous content.

Crystalline silica is reported as α -Quartz and Cristobalite polymorphs.

Sydney Laboratory Services is responsible for all the information in the report, except that provided by the customer. All sampling information included in the report has been provided by customer.

Sample analysed as received.

Samples are stored for minimum period of 1 month if longer time is not advised by client.

Method Description: Loose powder preparation for XRD measurement

Method ID: Loose Powder XRD

PQL Loose Powder XRD method: α -Quartz is 0.4 wt.%, Cristobalite is 0.2 wt.%.

Crystalline Silica in Bulk Materials Analysis Report

Lab Reference: 2504197
Date Received: 04.09.2025

Client: YDL Stone – Mineral Silica-Free Surface
Client Address: 65 Babbage Dr, Dandenong South, VIC, 3175

Analysis Date: 10.09.2025
Reporting Date: 11.09.2025
Method ID: Loose Powder XRD

Project ID: YDL Stone
Sampling Date: 02.09.2025

Lab Sample ID	Client Sample ID	Sample Matrix	Crystalline Silica Analysis		
			α -Quartz Weight Fraction, wt.%	Cristobalite Weight Fraction, wt.%	Total Weight Fraction, wt.%
2024032082	YDL – SF 3002 Star Burst	Stone	< 0.5 %	< 0.5 %	< 0.5 %

Results Authorised By: Hamish McDougall



Remarks:

Samples were prepared as loose powders and top loaded into instrument.
No correction for XRD measurement uncertainty performed for these samples. These uncertainties include correction for preferred orientation, multiphase crystalline material overlap, and presence of amorphous content.
Crystalline silica is reported as α -Quartz and Cristobalite polymorphs.

Sydney Laboratory Services is responsible for all the information in the report, except that provided by the customer. All sampling information included in the report has been provided by customer.
Sample analysed as received.
Samples are stored for minimum period of 1 month if longer time is not advised by client.

Method Description: Loose powder preparation for XRD measurement

Method ID: Loose Powder XRD

PQL Loose Powder XRD method: α -Quartz is 0.4 wt.%, Cristobalite is 0.2 wt.%.

Crystalline Silica in Bulk Materials Analysis Report

Lab Reference: 2402910
Date Received: 04.09.2025

Client: YDL Stone – Mineral Silica-Free Surface
Client Address: 65 Babbage Dr, Dandenong South, VIC,
3175

Analysis Date: 05.09.2025
Reporting Date: 10.10.2025
Method ID: BCS-01

Project ID: YDL Stone
Sampling Date: 02.09.2025

Lab Sample ID	Client Sample ID	Sample Matrix	Crystalline Silica Analysis		
			α -Quartz Weight Fraction, wt.%	Cristobalite Weight Fraction, wt.%	Total Weight Fraction, wt.%
2024023111	YDL - SF 1000 Arctic White	Stone	< 0.5 %	< 0.5 %	< 0.5 %

Results Authorised By: Hamish McDougall



Remarks:

Report amended. Updated version: AMD 01 (10/10/2025).
Reason for amendment: corrected Client Sample ID from 'YDL – SF 100 Arctic White' to 'YDL – SF 1000 Arctic White'.
This version of the report supersedes all previous versions.

Samples were prepared as loose powders and top loaded into instrument.
No correction for XRD measurement uncertainty performed for these samples. These uncertainties include correction for preferred orientation, multiphase crystalline material overlap, and presence of amorphous content.
Crystalline silica is reported as α -Quartz and Cristobalite polymorphs.
Sydney Laboratory Services is responsible for all the information in the report, except that provided by the customer. All sampling information included in the report has been provided by customer.
Sample analysed as received.
Samples are stored for minimum period of 1 month if longer time is not advised by client.

Method Source: BCS-01, Internal method

Method Description: XRD measurement of loose powder generated from bulk materials

Method Information: LOR for both α -Quartz and Cristobalite is 0.5 wt.%.

Crystalline Silica Report

Date Received: 07.08.2025
Date of test: 07.08.2025
Report date: 08.08.2025
Lab ID: 2402911
Method: Loose Powder XRD

Project ID: A828024.1223.00
Sampling Date: 28.06.2024
Client: YDL Stone – Mineral Silica-Free Surface
Client Address: 65 Babbage Dr,
Dandenong South VIC 3175

Lab ID	Field Sample ID	Sample Matrix	Crystalline Material Analysis	
			α -Quartz Weight Fraction (wt.%)	Cristobalite Weight Fraction (wt.%)
2024023112	YDL – SF 4300 Sabia	Stone	< 1 wt.%	< 1 wt.%

Results Authorised By: Hamish McDougall



Remarks:

Samples were prepared as loose powders and top loaded into instrument.

No correction for XRD measurement uncertainty performed for these samples. These uncertainties include correction for preferred orientation, multiphase crystalline material overlap, and presence of amorphous content.

Crystalline silica is reported as α -Quartz and Cristobalite polymorphs.

Sydney Laboratory Services is responsible for all the information in the report, except that provided by the customer. All sampling information included in the report has been provided by customer.

Sample analysed as received.

Samples are stored for minimum period of 1 month if longer time is not advised by client.

Method Description: Loose powder preparation for XRD measurement

Method No. Loose Powder XRD

PQL for α -quartz is 0.01 mg. PQL for Cristobalite is 0.01 mg.

Crystalline Silica in Bulk Materials Analysis Report

Lab Reference: 2402912
Date Received: 04.09.2025

Client: YDL Stone – Mineral Silica-Free Surface
Client Address: 65 Babbage Dr, Dandenong South, VIC, 3175

Analysis Date: 05.09.2025
Reporting Date: 11.09.2025
Method ID: Loose Powder XRD

Project ID: YDL Stone
Sampling Date: 02.09.2025

Lab Sample ID	Client Sample ID	Sample Matrix	Crystalline Silica Analysis		
			α -Quartz Weight Fraction, wt.%	Cristobalite Weight Fraction, wt.%	Total Weight Fraction, wt.%
2024023113	YDL - SF 4500 Smokey Grey	Stone	< 0.5 %	< 0.5 %	< 0.5 %

Results Authorised By: Hamish McDougall



Remarks:

Samples were prepared as loose powders and top loaded into instrument.
No correction for XRD measurement uncertainty performed for these samples. These uncertainties include correction for preferred orientation, multiphase crystalline material overlap, and presence of amorphous content.
Crystalline silica is reported as α -Quartz and Cristobalite polymorphs.

Sydney Laboratory Services is responsible for all the information in the report, except that provided by the customer. All sampling information included in the report has been provided by customer.
Sample analysed as received.
Samples are stored for minimum period of 1 month if longer time is not advised by client.

Method Description: Loose powder preparation for XRD measurement

Method ID: Loose Powder XRD

PQL Loose Powder XRD method: α -Quartz is 0.4 wt.%, Cristobalite is 0.2 wt.%.

Crystalline Silica in Bulk Materials Analysis Report

Lab Reference: 2504198
Date Received: 04.09.2025

Client: YDL Stone – Mineral Silica-Free Surface
Client Address: 65 Babbage Dr, Dandenong South, VIC,
3175

Analysis Date: 10.09.2025
Reporting Date: 11.09.2025
Method ID: Loose Powder XRD

Project ID: YDL Stone
Sampling Date: 02.09.2025

Lab Sample ID	Client Sample ID	Sample Matrix	Crystalline Silica Analysis		
			α -Quartz Weight Fraction, wt.%	Cristobalite Weight Fraction, wt.%	Total Weight Fraction, wt.%
2024032083	YDL – SF 4600 Rosemee	Stone	< 0.5 %	< 0.5 %	< 0.5 %

Results Authorised By: Hamish McDougall



Remarks:

Samples were prepared as loose powders and top loaded into instrument.
No correction for XRD measurement uncertainty performed for these samples. These uncertainties include correction for preferred orientation, multiphase crystalline material overlap, and presence of amorphous content.
Crystalline silica is reported as α -Quartz and Cristobalite polymorphs.

Sydney Laboratory Services is responsible for all the information in the report, except that provided by the customer. All sampling information included in the report has been provided by customer.
Sample analysed as received.
Samples are stored for minimum period of 1 month if longer time is not advised by client.

Method Description: Loose powder preparation for XRD measurement

Method ID: Loose Powder XRD

PQL Loose Powder XRD method: α -Quartz is 0.4 wt.%, Cristobalite is 0.2 wt.%.

Crystalline Silica in Bulk Materials Report

Date Received: 07.08.2025
Date of test: 07.08.2025
Report date: 11.08.2025
Lab ID: 2402914
Method: Loose Powder XRD

Project ID: A828024.1223.00
Sampling Date: 28.06.2024
Client: YDL Stone – Mineral Silica-Free Surface
Client Address: 65 Babbage Dr,
Dandenong South VIC 3175

Lab ID	Field Sample ID	Sample Matrix	Crystalline Material Analysis		
			α -Quartz Weight Fraction wt.%	Cristobalite Weight Fraction wt.%	Total wt.%
2024023115	YDL – SF 7000 Semento	Stone	< 0.5 wt.%	< 0.5 wt.%	< 0.5 wt.%

Results Authorised By: Hamish McDougall



Remarks:

Samples were prepared as loose powders and top loaded into instrument.

No correction for XRD measurement uncertainty performed for these samples. These uncertainties include correction for preferred orientation, multiphase crystalline material overlap, and presence of amorphous content.

Crystalline silica is reported as α -Quartz and Cristobalite polymorphs.

Sydney Laboratory Services is responsible for all the information in the report, except that provided by the customer. All sampling information included in the report has been provided by customer.

Sample analysed as received.

Samples are stored for minimum period of 1 month if longer time is not advised by client.

Method Description: Loose powder preparation for XRD measurement

Method No. Loose Powder XRD

PQL Loose Powder XRD method: α -Quartz is 0.4 wt.%, Cristobalite is 0.2 wt.%.

Crystalline Silica in Bulk Materials Analysis Report

Lab Reference: 2402915
Date Received: 04.09.2025

Client: YDL Stone – Mineral Silica-Free Surface
Client Address: 65 Babbage Dr, Dandenong South, VIC,
3175

Analysis Date: 05.09.2025
Reporting Date: 11.09.2025
Method ID: Loose Powder XRD

Project ID: YDL Stone
Sampling Date: 02.09.2025

Lab Sample ID	Client Sample ID	Sample Matrix	Crystalline Silica Analysis		
			α -Quartz Weight Fraction, wt.%	Cristobalite Weight Fraction, wt.%	Total Weight Fraction, wt.%
2024023116	YDL – SF 7200 Fresco	Stone	< 0.5 %	< 0.5 %	< 0.5 %

Results Authorised By: Hamish McDougall



Remarks:

Samples were prepared as loose powders and top loaded into instrument.
No correction for XRD measurement uncertainty performed for these samples. These uncertainties include correction for preferred orientation, multiphase crystalline material overlap, and presence of amorphous content.
Crystalline silica is reported as α -Quartz and Cristobalite polymorphs.

Sydney Laboratory Services is responsible for all the information in the report, except that provided by the customer. All sampling information included in the report has been provided by customer.
Sample analysed as received.
Samples are stored for minimum period of 1 month if longer time is not advised by client.

Method Description: Loose powder preparation for XRD measurement

Method ID: Loose Powder XRD

PQL Loose Powder XRD method: α -Quartz is 0.4 wt.%, Cristobalite is 0.2 wt.%.

Crystalline Silica in Bulk Materials Analysis Report

Lab Reference: 2603459 YDL - SF 1126 AMD01

Date Received: 15.07.2026

Analysis Date: 22.07.2026

Reporting Date: 23.07.2026

Analysis Required: Crystalline Silica Content

Technical Method: BCS-P-01

Client: YDL Stone - Mineral Silica-Free Surface

Client Address: 65 Babbage Dr, Dandenong, South Vic, 3175

Project ID: YDL Stone

Sampling Date: 15.07.2026

Laboratory ID	Client Sample ID	Sample Matrix	Sample Type	Crystalline Silica Content		
				α-Quartz, wt. %	Cristobalite, wt. %	Total Fraction, wt. %
2026023865	YDL - SF 1126 Golden Mist	Stone	Bulk	< 0.5	< 0.5	< 0.5

Result Authorised By:

Name: Hamish McDougall

Title: XRD Analyst (NATA Signatory)

Signature:



Remarks:

- Amended report (AMD01) on the 23.07.2026.
- Reason for amendment: Original report separated by individual samples at the request of client.
- This document supersedes the original version of the report for lab reference 2603459.
- Sydney Laboratory Services is responsible for all the information in this report except that provided by the customer.
- All sampling information included in this report has been provided by customer.
- Bulk samples were prepared as homogenous loose powder for XRD measurement.
- Correction for preferred orientation, multiphase histogram convolution, and amorphous content was performed.
- Crystalline silica is reported as α-Quartz and Cristobalite polymorphs.
- Rejected samples are denoted with *. Results obtained from external laboratories are denoted with ^.
- Samples are stored for minimum period of 1 month if longer time is not advised by client.

Method ID: BCS-P-01, internal method

Method Description : Quantification of crystalline silica in bulk materials

Method Information: Limit of reporting for both α-Quartz and Cristobalite is 0.5 wt. %

Crystalline Silica in Bulk Materials Analysis Report

Lab Reference: 2402917
Date Received: 04.09.2025

Client: YDL Stone – Mineral Silica-Free Surface
Client Address: 65 Babbage Dr, Dandenong South, VIC,
3175

Analysis Date: 08.09.2025
Reporting Date: 11.09.2025
Method ID: Loose Powder XRD

Project ID: YDL Stone
Sampling Date: 02.09.2025

Lab Sample ID	Client Sample ID	Sample Matrix	Crystalline Silica Analysis		
			α -Quartz Weight Fraction, wt.%	Cristobalite Weight Fraction, wt.%	Total Weight Fraction, wt.%
2024023118	YDL – SF 1222 Shadow Grey	Stone	< 0.5 %	< 0.5 %	< 0.5 %

Results Authorised By: Hamish McDougall



Remarks:

Samples were prepared as loose powders and top loaded into instrument.
No correction for XRD measurement uncertainty performed for these samples. These uncertainties include correction for preferred orientation, multiphase crystalline material overlap, and presence of amorphous content.
Crystalline silica is reported as α -Quartz and Cristobalite polymorphs.

Sydney Laboratory Services is responsible for all the information in the report, except that provided by the customer. All sampling information included in the report has been provided by customer.
Sample analysed as received.
Samples are stored for minimum period of 1 month if longer time is not advised by client.

Method Description: Loose powder preparation for XRD measurement

Method ID: Loose Powder XRD

PQL Loose Powder XRD method: α -Quartz is 0.4 wt.%, Cristobalite is 0.2 wt.%.

Crystalline Silica in Bulk Materials Analysis Report

Lab Reference: 2402918
Date Received: 04.09.2025

Client: YDL Stone – Mineral Silica-Free Surface
Client Address: 65 Babbage Dr, Dandenong South, VIC,
3175

Analysis Date: 08.09.2025
Reporting Date: 11.09.2025
Method ID: Loose Powder XRD

Project ID: YDL Stone
Sampling Date: 02.09.2025

Lab Sample ID	Client Sample ID	Sample Matrix	Crystalline Silica Analysis		
			α -Quartz Weight Fraction, wt.%	Cristobalite Weight Fraction, wt.%	Total Weight Fraction, wt.%
2024023119	YDL – SF 1666 Acqua Mare	Stone	< 0.5 %	< 0.5 %	< 0.5 %

Results Authorised By: Hamish McDougall



Remarks:

Samples were prepared as loose powders and top loaded into instrument.
No correction for XRD measurement uncertainty performed for these samples. These uncertainties include correction for preferred orientation, multiphase crystalline material overlap, and presence of amorphous content.
Crystalline silica is reported as α -Quartz and Cristobalite polymorphs.

Sydney Laboratory Services is responsible for all the information in the report, except that provided by the customer. All sampling information included in the report has been provided by customer.
Sample analysed as received.
Samples are stored for minimum period of 1 month if longer time is not advised by client.

Method Description: Loose powder preparation for XRD measurement

Method ID: Loose Powder XRD

PQL Loose Powder XRD method: α -Quartz is 0.4 wt.%, Cristobalite is 0.2 wt.%.

Crystalline Silica in Bulk Materials Analysis Report

Lab Reference: 2402919
Date Received: 04.09.2025

Client: YDL Stone – Mineral Silica-Free Surface
Client Address: 65 Babbage Dr, Dandenong South, VIC, 3175

Analysis Date: 08.09.2025
Reporting Date: 11.09.2025
Method ID: Loose Powder XRD

Project ID: YDL Stone
Sampling Date: 02.09.2025

Lab Sample ID	Client Sample ID	Sample Matrix	Crystalline Silica Analysis		
			α -Quartz Weight Fraction, wt.%	Cristobalite Weight Fraction, wt.%	Total Weight Fraction, wt.%
2024023120	YDL – SF 1700 Cloudy Grey	Stone	< 0.5 %	< 0.5 %	< 0.5 %

Results Authorised By: Hamish McDougall



Remarks:

Samples were prepared as loose powders and top loaded into instrument.
No correction for XRD measurement uncertainty performed for these samples. These uncertainties include correction for preferred orientation, multiphase crystalline material overlap, and presence of amorphous content.
Crystalline silica is reported as α -Quartz and Cristobalite polymorphs.

Sydney Laboratory Services is responsible for all the information in the report, except that provided by the customer. All sampling information included in the report has been provided by customer.
Sample analysed as received.
Samples are stored for minimum period of 1 month if longer time is not advised by client.

Method Description: Loose powder preparation for XRD measurement

Method ID: Loose Powder XRD

PQL Loose Powder XRD method: α -Quartz is 0.4 wt.%, Cristobalite is 0.2 wt.%.

Crystalline Silica in Bulk Materials Report

Date Received: 07.08.2025

Date of test: 07.08.2025

Report date: 11.08.2025

Lab ID: 2402920

Method: Loose Powder XRD

Project ID: A828024.1223.00

Sampling Date: 28.06.2024

Client: YDL Stone – Mineral Silica-Free Surface

Client Address: 65 Babbage Dr,
Dandenong South VIC 3175

Lab ID	Field Sample ID	Sample Matrix	Crystalline Material Analysis		
			α -Quartz Weight Fraction wt.%	Cristobalite Weight Fraction wt.%	Total wt.%
2024023121	YDL – SF 1888 Kalala Bianco	Stone	< 0.5 wt.%	< 0.5 wt.%	< 0.5 wt.%

Results Authorised By: Hamish McDougall



Remarks:

Samples were prepared as loose powders and top loaded into instrument.

No correction for XRD measurement uncertainty performed for these samples. These uncertainties include correction for preferred orientation, multiphase crystalline material overlap, and presence of amorphous content.

Crystalline silica is reported as α -Quartz and Cristobalite polymorphs.

Sydney Laboratory Services is responsible for all the information in the report, except that provided by the customer. All sampling information included in the report has been provided by customer.

Sample analysed as received.

Samples are stored for minimum period of 1 month if longer time is not advised by client.

Method Description: Loose powder preparation for XRD measurement

Method No. Loose Powder XRD

PQL Loose Powder XRD method: α -Quartz is 0.4 wt.%, Cristobalite is 0.2 wt.%.

Crystalline Silica in Bulk Materials Analysis Report

Lab Reference: 2402921
Date Received: 04.09.2025

Client: YDL Stone – Mineral Silica-Free Surface
Client Address: 65 Babbage Dr, Dandenong South, VIC,
3175

Analysis Date: 08.09.2025
Reporting Date: 11.09.2025
Method ID: Loose Powder XRD

Project ID: YDL Stone
Sampling Date: 02.09.2025

Lab Sample ID	Client Sample ID	Sample Matrix	Crystalline Silica Analysis		
			α -Quartz Weight Fraction, wt.%	Cristobalite Weight Fraction, wt.%	Total Weight Fraction, wt.%
2024023122	YDL – SF 5500 Misty Dusk	Stone	< 0.5 %	< 0.5 %	< 0.5 %

Results Authorised By: Hamish McDougall



Remarks:

Samples were prepared as loose powders and top loaded into instrument.
No correction for XRD measurement uncertainty performed for these samples. These uncertainties include correction for preferred orientation, multiphase crystalline material overlap, and presence of amorphous content.
Crystalline silica is reported as α -Quartz and Cristobalite polymorphs.

Sydney Laboratory Services is responsible for all the information in the report, except that provided by the customer. All sampling information included in the report has been provided by customer.
Sample analysed as received.
Samples are stored for minimum period of 1 month if longer time is not advised by client.

Method Description: Loose powder preparation for XRD measurement

Method ID: Loose Powder XRD

PQL Loose Powder XRD method: α -Quartz is 0.4 wt.%, Cristobalite is 0.2 wt.%.

Crystalline Silica in Bulk Materials Report

Date Received: 07.08.2025

Date of test: 07.08.2025

Report date: 11.08.2025

Lab ID: 2402922

Method: Loose Powder XRD

Project ID: A828024.1223.00

Sampling Date: 28.06.2024

Client: YDL Stone – Mineral Silica-Free Surface

Client Address: 65 Babbage Dr,
Dandenong South VIC 3175

Lab ID	Field Sample ID	Sample Matrix	Crystalline Material Analysis		
			α -Quartz Weight Fraction wt.%	Cristobalite Weight Fraction wt.%	Total wt.%
2024023123	YDL – SF 8627 Giusto	Stone	< 0.5 wt.%	< 0.5 wt.%	< 0.5 wt.%

Results Authorised By: Hamish McDougall



Remarks:

Samples were prepared as loose powders and top loaded into instrument.

No correction for XRD measurement uncertainty performed for these samples. These uncertainties include correction for preferred orientation, multiphase crystalline material overlap, and presence of amorphous content.

Crystalline silica is reported as α -Quartz and Cristobalite polymorphs.

Sydney Laboratory Services is responsible for all the information in the report, except that provided by the customer. All sampling information included in the report has been provided by customer.

Sample analysed as received.

Samples are stored for minimum period of 1 month if longer time is not advised by client.

Method Description: Loose powder preparation for XRD measurement

Method No. Loose Powder XRD

PQL Loose Powder XRD method: α -Quartz is 0.4 wt.%, Cristobalite is 0.2 wt.%.

Crystalline Silica in Bulk Materials Analysis Report

Lab Reference: 2402923
Date Received: 04.09.2025

Client: YDL Stone – Mineral Silica-Free Surface
Client Address: 65 Babbage Dr, Dandenong South, VIC, 3175

Analysis Date: 08.09.2025
Reporting Date: 11.09.2025
Method ID: Loose Powder XRD

Project ID: YDL Stone
Sampling Date: 02.09.2025

Lab Sample ID	Client Sample ID	Sample Matrix	Crystalline Silica Analysis		
			α -Quartz Weight Fraction, wt.%	Cristobalite Weight Fraction, wt.%	Total Weight Fraction, wt.%
2024023124	YDL – SF 8700 Calacatta Azuro	Stone	< 0.5 %	< 0.5 %	< 0.5 %

Results Authorised By: Hamish McDougall



Remarks:

Samples were prepared as loose powders and top loaded into instrument.

No correction for XRD measurement uncertainty performed for these samples. These uncertainties include correction for preferred orientation, multiphase crystalline material overlap, and presence of amorphous content.

Crystalline silica is reported as α -Quartz and Cristobalite polymorphs.

Sydney Laboratory Services is responsible for all the information in the report, except that provided by the customer. All sampling information included in the report has been provided by customer.

Sample analysed as received.

Samples are stored for minimum period of 1 month if longer time is not advised by client.

Method Description: Loose powder preparation for XRD measurement

Method ID: Loose Powder XRD

PQL Loose Powder XRD method: α -Quartz is 0.4 wt.%, Cristobalite is 0.2 wt.%.

Crystalline Silica in Bulk Materials Analysis Report

Lab Reference: 2402924
Date Received: 04.09.2025

Client: YDL Stone – Mineral Silica-Free Surface
Client Address: 65 Babbage Dr, Dandenong South, VIC, 3175

Analysis Date: 08.09.2025
Reporting Date: 11.09.2025
Method ID: Loose Powder XRD

Project ID: YDL Stone
Sampling Date: 02.09.2025

Lab Sample ID	Client Sample ID	Sample Matrix	Crystalline Silica Analysis		
			α -Quartz Weight Fraction, wt.%	Cristobalite Weight Fraction, wt.%	Total Weight Fraction, wt.%
2024023124	YDL – SF 9000 Calacatta Classico	Stone	< 0.5 %	< 0.5 %	< 0.5 %

Results Authorised By: Hamish McDougall



Remarks:

Samples were prepared as loose powders and top loaded into instrument.

No correction for XRD measurement uncertainty performed for these samples. These uncertainties include correction for preferred orientation, multiphase crystalline material overlap, and presence of amorphous content.

Crystalline silica is reported as α -Quartz and Cristobalite polymorphs.

Sydney Laboratory Services is responsible for all the information in the report, except that provided by the customer. All sampling information included in the report has been provided by customer.

Sample analysed as received.

Samples are stored for minimum period of 1 month if longer time is not advised by client.

Method Description: Loose powder preparation for XRD measurement

Method ID: Loose Powder XRD

PQL Loose Powder XRD method: α -Quartz is 0.4 wt.%, Cristobalite is 0.2 wt.%.

Crystalline Silica in Bulk Materials Analysis Report

Lab Reference: 2402925
Date Received: 04.09.2025

Client: YDL Stone – Mineral Silica-Free Surface
Client Address: 65 Babbage Dr, Dandenong South, VIC, 3175

Analysis Date: 08.09.2025
Reporting Date: 11.09.2025
Method ID: Loose Powder XRD

Project ID: YDL Stone
Sampling Date: 02.09.2025

Lab Sample ID	Client Sample ID	Sample Matrix	Crystalline Silica Analysis		
			α -Quartz Weight Fraction, wt.%	Cristobalite Weight Fraction, wt.%	Total Weight Fraction, wt.%
2024023126	YDL – SF 9100 Calacatta Combo	Stone	< 0.5 %	< 0.5 %	< 0.5 %

Results Authorised By: Hamish McDougall



Remarks:

Samples were prepared as loose powders and top loaded into instrument.

No correction for XRD measurement uncertainty performed for these samples. These uncertainties include correction for preferred orientation, multiphase crystalline material overlap, and presence of amorphous content.

Crystalline silica is reported as α -Quartz and Cristobalite polymorphs.

Sydney Laboratory Services is responsible for all the information in the report, except that provided by the customer. All sampling information included in the report has been provided by customer.

Sample analysed as received.

Samples are stored for minimum period of 1 month if longer time is not advised by client.

Method Description: Loose powder preparation for XRD measurement

Method ID: Loose Powder XRD

PQL Loose Powder XRD method: α -Quartz is 0.4 wt.%, Cristobalite is 0.2 wt.%.

Crystalline Silica in Bulk Materials Analysis Report

Lab Reference: 2402926
Date Received: 04.09.2025

Client: YDL Stone – Mineral Silica-Free Surface
Client Address: 65 Babbage Dr, Dandenong South, VIC,
3175

Analysis Date: 08.09.2025
Reporting Date: 11.09.2025
Method ID: Loose Powder XRD

Project ID: YDL Stone
Sampling Date: 02.09.2025

Lab Sample ID	Client Sample ID	Sample Matrix	Crystalline Silica Analysis		
			α -Quartz Weight Fraction, wt.%	Cristobalite Weight Fraction, wt.%	Total Weight Fraction, wt.%
2024023127	YDL – SF 9191 Aurum White	Stone	< 0.5 %	< 0.5 %	< 0.5 %

Results Authorised By: Hamish McDougall



Remarks:

Samples were prepared as loose powders and top loaded into instrument.
No correction for XRD measurement uncertainty performed for these samples. These uncertainties include correction for preferred orientation, multiphase crystalline material overlap, and presence of amorphous content.
Crystalline silica is reported as α -Quartz and Cristobalite polymorphs.

Sydney Laboratory Services is responsible for all the information in the report, except that provided by the customer. All sampling information included in the report has been provided by customer.
Sample analysed as received.
Samples are stored for minimum period of 1 month if longer time is not advised by client.

Method Description: Loose powder preparation for XRD measurement

Method ID: Loose Powder XRD

PQL Loose Powder XRD method: α -Quartz is 0.4 wt.%, Cristobalite is 0.2 wt.%.

Crystalline Silica in Bulk Materials Report

Date Received: 07.08.2025
Date of test: 07.08.2025
Report date: 11.08.2025
Lab ID: 2402927
Method: Loose Powder XRD

Project ID: A828024.1223.00
Sampling Date: 28.06.2024
Client: YDL Stone – Mineral Silica-Free Surface
Client Address: 65 Babbage Dr,
Dandenong South VIC 3175

Lab ID	Field Sample ID	Sample Matrix	Crystalline Material Analysis		
			α -Quartz Weight Fraction wt.%	Cristobalite Weight Fraction wt.%	Total wt.%
2024023128	YDL – SF 9200 Angel Falls	Stone	< 0.5 wt.%	< 0.5 wt.%	< 0.5 wt.%

Results Authorised By: Hamish McDougall



Remarks:

Samples were prepared as loose powders and top loaded into instrument.

No correction for XRD measurement uncertainty performed for these samples. These uncertainties include correction for preferred orientation, multiphase crystalline material overlap, and presence of amorphous content.

Crystalline silica is reported as α -Quartz and Cristobalite polymorphs.

Sydney Laboratory Services is responsible for all the information in the report, except that provided by the customer. All sampling information included in the report has been provided by customer.

Sample analysed as received.

Samples are stored for minimum period of 1 month if longer time is not advised by client.

Method Description: Loose powder preparation for XRD measurement

Method No. Loose Powder XRD

PQL Loose Powder XRD method: α -Quartz is 0.4 wt.%, Cristobalite is 0.2 wt.%.

Crystalline Silica in Bulk Materials Analysis Report

Lab Reference: 2402928
Date Received: 04.09.2025

Client: YDL Stone – Mineral Silica-Free Surface
Client Address: 65 Babbage Dr, Dandenong South, VIC, 3175

Analysis Date: 08.09.2025
Reporting Date: 11.09.2025
Method ID: Loose Powder XRD

Project ID: YDL Stone
Sampling Date: 02.09.2025

Lab Sample ID	Client Sample ID	Sample Matrix	Crystalline Silica Analysis		
			α -Quartz Weight Fraction, wt.%	Cristobalite Weight Fraction, wt.%	Total Weight Fraction, wt.%
2024023129	YDL – SF 9902 Summer Breeze	Stone	0.8 %	< 0.5 %	0.8 %

Results Authorised By: Hamish McDougall



Remarks:

Samples were prepared as loose powders and top loaded into instrument.

No correction for XRD measurement uncertainty performed for these samples. These uncertainties include correction for preferred orientation, multiphase crystalline material overlap, and presence of amorphous content.

Crystalline silica is reported as α -Quartz and Cristobalite polymorphs.

Sydney Laboratory Services is responsible for all the information in the report, except that provided by the customer. All sampling information included in the report has been provided by customer.

Sample analysed as received.

Samples are stored for minimum period of 1 month if longer time is not advised by client.

Method Description: Loose powder preparation for XRD measurement

Method ID: Loose Powder XRD

PQL Loose Powder XRD method: α -Quartz is 0.4 wt.%, Cristobalite is 0.2 wt.%.

Crystalline Silica in Bulk Materials Analysis Report

Lab Reference: 2402929
Date Received: 04.09.2025

Client: YDL Stone – Mineral Silica-Free Surface
Client Address: 65 Babbage Dr, Dandenong South, VIC, 3175

Analysis Date: 08.09.2025
Reporting Date: 11.09.2025
Method ID: Loose Powder XRD

Project ID: YDL Stone
Sampling Date: 02.09.2025

Lab Sample ID	Client Sample ID	Sample Matrix	Crystalline Silica Analysis		
			α -Quartz Weight Fraction, wt.%	Cristobalite Weight Fraction, wt.%	Total Weight Fraction, wt.%
2024023130	YDL – SF 9906 Nuvola Snow	Stone	< 0.5 %	< 0.5 %	< 0.5 %

Results Authorised By: Hamish McDougall



Remarks:

Samples were prepared as loose powders and top loaded into instrument.
No correction for XRD measurement uncertainty performed for these samples. These uncertainties include correction for preferred orientation, multiphase crystalline material overlap, and presence of amorphous content.
Crystalline silica is reported as α -Quartz and Cristobalite polymorphs.

Sydney Laboratory Services is responsible for all the information in the report, except that provided by the customer. All sampling information included in the report has been provided by customer.
Sample analysed as received.
Samples are stored for minimum period of 1 month if longer time is not advised by client.

Method Description: Loose powder preparation for XRD measurement

Method ID: Loose Powder XRD

PQL Loose Powder XRD method: α -Quartz is 0.4 wt.%, Cristobalite is 0.2 wt.%.

Crystalline Silica in Bulk Materials Analysis Report

Lab Reference: 2500991
Date Received: 22.09.2025

Client: YDL Stone – Mineral Silica-Free Surface
Client Address: 65 Babbage Dr, Dandenong South, VIC, 3175

Analysis Date: 22.09.2025
Reporting Date: 23.09.2025
Method ID: BCS-01

Project ID: YDL Stone
Sampling Date: 18.09.2025

Lab Sample ID	Client Sample ID	Sample Matrix	Crystalline Silica Analysis		
			α -Quartz Weight Fraction, wt.%	Cristobalite Weight Fraction, wt.%	Total Weight Fraction, wt.%
2025007427	YDL – SF 9561 Golden Striato	Stone	< 0.5 %	< 0.5 %	< 0.5 %

Results Authorised By: Hamish McDougall



Remarks:

Samples were prepared as loose powders and top loaded into instrument.
No correction for XRD measurement uncertainty performed for these samples. These uncertainties include correction for preferred orientation, multiphase crystalline material overlap, and presence of amorphous content.
Crystalline silica is reported as α -Quartz and Cristobalite polymorphs.

Sydney Laboratory Services is responsible for all the information in the report, except that provided by the customer. All sampling information included in the report has been provided by customer.
Sample analysed as received.
Samples are stored for minimum period of 1 month if longer time is not advised by client.

Method Source: BCS-01, internal method

Method Description: XRD measurement of loose powder generated from bulk materials

Method Information: LOR for both α -Quartz and Cristobalite is 0.5 wt.%.

Crystalline Silica in Bulk Materials Report

Date Received: 07.08.2025
Date of test: 07.08.2025
Report date: 11.08.2025
Lab ID: 2402930
Method: Loose Powder XRD

Project ID: A828024.1223.00
Sampling Date: 28.06.2024
Client: YDL Stone – Mineral Silica-Free Surface
Client Address: 65 Babbage Dr,
Dandenong South VIC 3175

Lab ID	Field Sample ID	Sample Matrix	Crystalline Material Analysis		
			α -Quartz Weight Fraction wt.%	Cristobalite Weight Fraction wt.%	Total wt.%
2024023131	YDL – SF 9718 Astoria	Stone	< 0.5 wt.%	< 0.5 wt.%	< 0.5 wt.%

Results Authorised By: Hamish McDougall



Remarks:

Samples were prepared as loose powders and top loaded into instrument.

No correction for XRD measurement uncertainty performed for these samples. These uncertainties include correction for preferred orientation, multiphase crystalline material overlap, and presence of amorphous content.

Crystalline silica is reported as α -Quartz and Cristobalite polymorphs.

Sydney Laboratory Services is responsible for all the information in the report, except that provided by the customer. All sampling information included in the report has been provided by customer.

Sample analysed as received.

Samples are stored for minimum period of 1 month if longer time is not advised by client.

Method Description: Loose powder preparation for XRD measurement

Method No. Loose Powder XRD

PQL Loose Powder XRD method: α -Quartz is 0.4 wt.%, Cristobalite is 0.2 wt.%.

Crystalline Silica in Bulk Materials Analysis Report

Lab Reference: 2402931
Date Received: 04.09.2025

Client: YDL Stone – Mineral Silica-Free Surface
Client Address: 65 Babbage Dr, Dandenong South, VIC, 3175

Analysis Date: 08.09.2025
Reporting Date: 11.09.2025
Method ID: Loose Powder XRD

Project ID: YDL Stone
Sampling Date: 02.09.2025

Lab Sample ID	Client Sample ID	Sample Matrix	Crystalline Silica Analysis		
			α -Quartz Weight Fraction, wt.%	Cristobalite Weight Fraction, wt.%	Total Weight Fraction, wt.%
2024023132	YDL – SF 9911 Statuario Enzo	Stone	0.5 %	< 0.5 %	0.5 %

Results Authorised By: Hamish McDougall



Remarks:

Samples were prepared as loose powders and top loaded into instrument.
No correction for XRD measurement uncertainty performed for these samples. These uncertainties include correction for preferred orientation, multiphase crystalline material overlap, and presence of amorphous content.
Crystalline silica is reported as α -Quartz and Cristobalite polymorphs.

Sydney Laboratory Services is responsible for all the information in the report, except that provided by the customer. All sampling information included in the report has been provided by customer.
Sample analysed as received.
Samples are stored for minimum period of 1 month if longer time is not advised by client.

Method Description: Loose powder preparation for XRD measurement

Method ID: Loose Powder XRD

PQL Loose Powder XRD method: α -Quartz is 0.4 wt.%, Cristobalite is 0.2 wt.%.

Crystalline Silica Report

Date Received: 07.08.2025
Date of test: 07.08.2025
Report date: 08.08.2025
Lab ID: 2402932
Method: Loose Powder XRD

Project ID: A828024.1223.00
Sampling Date: 28.06.2024
Client: YDL Stone – Mineral Silica-Free Surface
Client Address: 65 Babbage Dr,
Dandenong South VIC 3175

Lab ID	Field Sample ID	Sample Matrix	Crystalline Material Analysis	
			α -Quartz Weight Fraction (wt.%)	Cristobalite Weight Fraction (wt.%)
2024023133	YDL – SF 9933 Cumulus Cloud	Stone	< 1 wt.%	< 1 wt.%

Results Authorised By: Hamish McDougall



Remarks:

Samples were prepared as loose powders and top loaded into instrument.

No correction for XRD measurement uncertainty performed for these samples. These uncertainties include correction for preferred orientation, multiphase crystalline material overlap, and presence of amorphous content.

Crystalline silica is reported as α -Quartz and Cristobalite polymorphs.

Sydney Laboratory Services is responsible for all the information in the report, except that provided by the customer. All sampling information included in the report has been provided by customer.

Sample analysed as received.

Samples are stored for minimum period of 1 month if longer time is not advised by client.

Method Description: Loose powder preparation for XRD measurement

Method No. Loose Powder XRD

PQL for α -quartz is 0.01 mg. PQL for Cristobalite is 0.01 mg.

Crystalline Silica in Bulk Materials Analysis Report

Lab Reference: 2603459 YDL - SF 9935 AMD01

Date Received: 15.07.2026

Analysis Date: 22.07.2026

Reporting Date: 23.07.2026

Analysis Required: Crystalline Silica Content

Technical Method: BCS-P-01

Client: YDL Stone - Mineral Silica-Free Surface

Client Address: 65 Babbage Dr, Dandenong, South Vic, 3175

Project ID: YDL Stone

Sampling Date: 15.07.2026

Laboratory ID	Client Sample ID	Sample Matrix	Sample Type	Crystalline Silica Content		
				α-Quartz, wt. %	Cristobalite, wt. %	Total Fraction, wt. %
2026023866	YDL - SF 9935 Linea Oceano	Stone	Bulk	< 0.5	< 0.5	< 0.5

Result Authorised By:

Name: Hamish McDougall

Title: XRD Analyst (NATA Signatory)

Signature:



Remarks:

- Amended report (AMD01) on the 23.07.2026.
- Reason for amendment: Original report separated by individual samples at the request of client.
- This document supersedes the original version of the report for lab reference 2603459.
- Sydney Laboratory Services is responsible for all the information in this report except that provided by the customer.
- All sampling information included in this report has been provided by customer.
- Bulk samples were prepared as homogenous loose powder for XRD measurement.
- Correction for preferred orientation, multiphase histogram convolution, and amorphous content was performed.
- Crystalline silica is reported as α-Quartz and Cristobalite polymorphs.
- Rejected samples are denoted with *. Results obtained from external laboratories are denoted with ^.
- Samples are stored for minimum period of 1 month if longer time is not advised by client.

Method ID: BCS-P-01, internal method

Method Description : Quantification of crystalline silica in bulk materials

Method Information: Limit of reporting for both α-Quartz and Cristobalite is 0.5 wt. %

Crystalline Silica in Bulk Materials Analysis Report

Lab Reference: 2603646 - SF 9936 AMD01

Date Received: 27.07.2026

Analysis Date: 30.07.2026

Reporting Date: 31.07.2026

Analysis Required: Crystalline Silica Content

Technical Method: BCS-P-01

Client: YDL Stone - Mineral Silica-Free Surface

Client Address: 65 Babbage Dr, Dandenong, South VIC, 3175

Project ID: YDL Stone

Sampling Date: 27.07.2026

Laboratory ID	Client Sample ID	Sample Matrix	Sample Type	Crystalline Silica Content		
				α -Quartz, wt. %	Cristobalite, wt. %	Total Fraction, wt. %
2026024946	YDL - SF 9936 Bernice Gold	Stone	Bulk	< 0.5	< 0.5	< 0.5

Result Authorised By:

Name: Hamish McDougall

Title: XRD Analyst (NATA Signatory)

Signature:



Remarks:

- Amended report (AMD01) on the 31.07.2026.
- Reason for amendment: Original report separated by individual samples at the request of client.
- This document supersedes the original version of the report for lab reference 2603646.
- Sydney Laboratory Services is responsible for all the information in this report except that provided by the customer.
- All sampling information included in this report has been provided by customer.
- Bulk samples were prepared as homogenous loose powder for XRD measurement.
- Correction for preferred orientation, multiphase histogram convolution, and amorphous content was performed.
- Crystalline silica is reported as α -Quartz and Cristobalite polymorphs.
- Rejected samples are denoted with *. Results obtained from external laboratories are denoted with ^.
- Samples are stored for minimum period of 1 month if longer time is not advised by client.

Method ID: BCS-P-01, internal method

Method Description: Quantification of crystalline silica in bulk materials

Method Information: Limit of reporting for both α -Quartz and Cristobalite is 0.5 wt. %

Crystalline Silica Report

Date Received: 07.08.2025
Date of test: 07.08.2025
Report date: 08.08.2025
Lab ID: 2402933
Method: Loose Powder XRD

Project ID: A828024.1223.00
Sampling Date: 28.06.2024
Client: YDL Stone – Mineral Silica-Free Surface
Client Address: 65 Babbage Dr,
Dandenong South VIC 3175

Lab ID	Field Sample ID	Sample Matrix	Crystalline Material Analysis	
			α -Quartz Weight Fraction (wt.%)	Cristobalite Weight Fraction (wt.%)
2024023134	YDL – SF 9937 Jade Sky	Stone	< 1 wt.%	< 1 wt.%

Results Authorised By: Hamish McDougall



Remarks:

Samples were prepared as loose powders and top loaded into instrument.
No correction for XRD measurement uncertainty performed for these samples. These uncertainties include correction for preferred orientation, multiphase crystalline material overlap, and presence of amorphous content.
Crystalline silica is reported as α -Quartz and Cristobalite polymorphs.

Sydney Laboratory Services is responsible for all the information in the report, except that provided by the customer. All sampling information included in the report has been provided by customer.

Sample analysed as received.

Samples are stored for minimum period of 1 month if longer time is not advised by client.

Method Description: Loose powder preparation for XRD measurement

Method No. Loose Powder XRD

PQL for α -quartz is 0.01 mg. PQL for Cristobalite is 0.01 mg.

Crystalline Silica in Bulk Materials Analysis Report

Lab Reference: 2504100
Date Received: 13.10.2025

Client: YDL Stone – Mineral Silica-Free Surface
Client Address: 65 Babbage Dr, Dandenong South,
Victoria, 3175

Analysis Date: 16.10.2025
Reporting Date: 16.10.2025
Method ID: BCS-01

Project ID: YDL Stone – Mineral Silica-Free Surface
Sampling Date: 10.10.2025

Lab Sample ID	Client Sample ID	Sample Matrix	Crystalline Silica Analysis		
			α -Quartz Weight Fraction, wt. %	Cristobalite Weight Fraction, wt. %	Total Weight Fraction, wt. %
2025031146	YDL – SF 9938 Bella Oro	Stone	< 0.5 %	< 0.5 %	< 0.5 %

Results Authorised By: Hamish McDougall



Remarks:

Samples were prepared as loose powders and top loaded into instrument.
No correction for XRD measurement uncertainty performed for these samples. These uncertainties include correction for preferred orientation, multiphase crystalline material overlap, and presence of amorphous content.
Crystalline silica is reported as α -Quartz and Cristobalite polymorphs.

Sydney Laboratory Services is responsible for all the information in the report, except that provided by the customer. All sampling information included in the report has been provided by customer.
Sample analysed as received.
Samples are stored for minimum period of 1 month if longer time is not advised by client.

Method Source: BCS-01, Internal method

Method Description: XRD measurement of loose powder generated from bulk materials

Method Information: LOR for both α -Quartz and Cristobalite is 0.5 wt. %.

Crystalline Silica in Bulk Materials Analysis Report

Lab Reference: 2403934
Date Received: 04.09.2025

Client: YDL Stone – Mineral Silica-Free Surface
Client Address: 65 Babbage Dr, Dandenong South, VIC, 3175

Analysis Date: 09.09.2025
Reporting Date: 11.09.2025
Method ID: Loose Powder XRD

Project ID: YDL Stone
Sampling Date: 02.09.2025

Lab Sample ID	Client Sample ID	Sample Matrix	Crystalline Silica Analysis		
			α -Quartz Weight Fraction, wt.%	Cristobalite Weight Fraction, wt.%	Total Weight Fraction, wt.%
2024023135	YDL – SF 9955 Blanco Verona	Stone	< 0.5 %	< 0.5 %	< 0.5 %

Results Authorised By: Hamish McDougall



Remarks:

Samples were prepared as loose powders and top loaded into instrument.
No correction for XRD measurement uncertainty performed for these samples. These uncertainties include correction for preferred orientation, multiphase crystalline material overlap, and presence of amorphous content.
Crystalline silica is reported as α -Quartz and Cristobalite polymorphs.

Sydney Laboratory Services is responsible for all the information in the report, except that provided by the customer. All sampling information included in the report has been provided by customer.
Sample analysed as received.
Samples are stored for minimum period of 1 month if longer time is not advised by client.

Method Description: Loose powder preparation for XRD measurement

Method ID: Loose Powder XRD

PQL Loose Powder XRD method: α -Quartz is 0.4 wt.%, Cristobalite is 0.2 wt.%.

Crystalline Silica in Bulk Materials Analysis Report

Lab Reference: 2603459 YDL - SF 9960 AMD01

Date Received: 15.07.2026

Analysis Date: 22.07.2026

Reporting Date: 23.07.2026

Analysis Required: Crystalline Silica Content

Technical Method: BCS-P-01

Client: YDL Stone - Mineral Silica-Free Surface

Client Address: 65 Babbage Dr, Dandenong, South Vic, 3175

Project ID: YDL Stone

Sampling Date: 15.07.2026

Laboratory ID	Client Sample ID	Sample Matrix	Sample Type	Crystalline Silica Content		
				α-Quartz, wt. %	Cristobalite, wt. %	Total Fraction, wt. %
2026023868	YDL - SF 9960 Desert Gold	Stone	Bulk	< 0.5	< 0.5	< 0.5

Result Authorised By:

Name: Hamish McDougall

Title: XRD Analyst (NATA Signatory)

Signature:



Remarks:

- Amended report (AMD01) on the 23.07.2026.
- Reason for amendment: Original report separated by individual samples at the request of client.
- This document supersedes the original version of the report for lab reference 2603459.
- Sydney Laboratory Services is responsible for all the information in this report except that provided by the customer.
- All sampling information included in this report has been provided by customer.
- Bulk samples were prepared as homogenous loose powder for XRD measurement.
- Correction for preferred orientation, multiphase histogram convolution, and amorphous content was performed.
- Crystalline silica is reported as α-Quartz and Cristobalite polymorphs.
- Rejected samples are denoted with *. Results obtained from external laboratories are denoted with ^.
- Samples are stored for minimum period of 1 month if longer time is not advised by client.

Method ID: BCS-P-01, internal method

Method Description : Quantification of crystalline silica in bulk materials

Method Information: Limit of reporting for both α-Quartz and Cristobalite is 0.5 wt. %

Crystalline Silica in Bulk Materials Analysis Report

Lab Reference: 2403935
Date Received: 04.09.2025

Client: YDL Stone – Mineral Silica-Free Surface
Client Address: 65 Babbage Dr, Dandenong South, VIC,
3175

Analysis Date: 09.09.2025
Reporting Date: 11.09.2025
Method ID: Loose Powder XRD

Project ID: YDL Stone
Sampling Date: 02.09.2025

Lab Sample ID	Client Sample ID	Sample Matrix	Crystalline Silica Analysis		
			α -Quartz Weight Fraction, wt.%	Cristobalite Weight Fraction, wt.%	Total Weight Fraction, wt.%
2024023136	YDL – SF 9958 Chantilly	Stone	< 0.5 %	< 0.5 %	< 0.5 %

Results Authorised By: Hamish McDougall



Remarks:

Samples were prepared as loose powders and top loaded into instrument.
No correction for XRD measurement uncertainty performed for these samples. These uncertainties include correction for preferred orientation, multiphase crystalline material overlap, and presence of amorphous content.
Crystalline silica is reported as α -Quartz and Cristobalite polymorphs.

Sydney Laboratory Services is responsible for all the information in the report, except that provided by the customer. All sampling information included in the report has been provided by customer.
Sample analysed as received.
Samples are stored for minimum period of 1 month if longer time is not advised by client.

Method Description: Loose powder preparation for XRD measurement

Method ID: Loose Powder XRD

PQL Loose Powder XRD method: α -Quartz is 0.4 wt.%, Cristobalite is 0.2 wt.%.

Crystalline Silica in Bulk Materials Analysis Report

Lab Reference: 2403936
Date Received: 04.09.2025

Client: YDL Stone – Mineral Silica-Free Surface
Client Address: 65 Babbage Dr, Dandenong South, VIC,
3175

Analysis Date: 09.09.2025
Reporting Date: 11.09.2025
Method ID: Loose Powder XRD

Project ID: YDL Stone
Sampling Date: 02.09.2025

Lab Sample ID	Client Sample ID	Sample Matrix	Crystalline Silica Analysis		
			α -Quartz Weight Fraction, wt.%	Cristobalite Weight Fraction, wt.%	Total Weight Fraction, wt.%
2024023137	YDL – SF 9966 Venatino	Stone	< 0.5 %	< 0.5 %	< 0.5 %

Results Authorised By: Hamish McDougall



Remarks:

Samples were prepared as loose powders and top loaded into instrument.
No correction for XRD measurement uncertainty performed for these samples. These uncertainties include correction for preferred orientation, multiphase crystalline material overlap, and presence of amorphous content.
Crystalline silica is reported as α -Quartz and Cristobalite polymorphs.

Sydney Laboratory Services is responsible for all the information in the report, except that provided by the customer. All sampling information included in the report has been provided by customer.
Sample analysed as received.
Samples are stored for minimum period of 1 month if longer time is not advised by client.

Method Description: Loose powder preparation for XRD measurement

Method ID: Loose Powder XRD

PQL Loose Powder XRD method: α -Quartz is 0.4 wt.%, Cristobalite is 0.2 wt.%.

Crystalline Silica in Bulk Materials Report

Date Received: 07.08.2025

Date of test: 07.08.2025

Report date: 11.08.2025

Lab ID: 2402937

Method: Loose Powder XRD

Project ID: A828024.1223.00

Sampling Date: 28.06.2024

Client: YDL Stone – Mineral Silica-Free Surface

Client Address: 65 Babbage Dr,
Dandenong South VIC 3175

Lab ID	Field Sample ID	Sample Matrix	Crystalline Material Analysis		
			α -Quartz Weight Fraction wt.%	Cristobalite Weight Fraction wt.%	Total wt.%
2024023138	YDL – SF 9977 Ice Drift	Stone	< 0.5 wt.%	< 0.5 wt.%	< 0.5 wt.%

Results Authorised By: Hamish McDougall



Remarks:

Samples were prepared as loose powders and top loaded into instrument.

No correction for XRD measurement uncertainty performed for these samples. These uncertainties include correction for preferred orientation, multiphase crystalline material overlap, and presence of amorphous content.

Crystalline silica is reported as α -Quartz and Cristobalite polymorphs.

Sydney Laboratory Services is responsible for all the information in the report, except that provided by the customer. All sampling information included in the report has been provided by customer.

Sample analysed as received.

Samples are stored for minimum period of 1 month if longer time is not advised by client.

Method Description: Loose powder preparation for XRD measurement

Method No. Loose Powder XRD

PQL Loose Powder XRD method: α -Quartz is 0.4 wt.%, Cristobalite is 0.2 wt.%.

Crystalline Silica in Bulk Materials Report

Date Received: 07.08.2025

Date of test: 07.08.2025

Report date: 11.08.2025

Lab ID: 2402938

Method: Loose Powder XRD

Project ID: A828024.1223.00

Sampling Date: 28.06.2024

Client: YDL Stone – Mineral Silica-Free Surface

Client Address: 65 Babbage Dr,
Dandenong South VIC 3175

Lab ID	Field Sample ID	Sample Matrix	Crystalline Material Analysis		
			α -Quartz Weight Fraction wt.%	Cristobalite Weight Fraction wt.%	Total wt.%
2024023139	YDL – SF 9999 Vene Rose	Stone	< 0.5 wt.%	< 0.5 wt.%	< 0.5 wt.%

Results Authorised By: Hamish McDougall



Remarks:

Samples were prepared as loose powders and top loaded into instrument.

No correction for XRD measurement uncertainty performed for these samples. These uncertainties include correction for preferred orientation, multiphase crystalline material overlap, and presence of amorphous content.

Crystalline silica is reported as α -Quartz and Cristobalite polymorphs.

Sydney Laboratory Services is responsible for all the information in the report, except that provided by the customer. All sampling information included in the report has been provided by customer.

Sample analysed as received.

Samples are stored for minimum period of 1 month if longer time is not advised by client.

Method Description: Loose powder preparation for XRD measurement

Method No. Loose Powder XRD

PQL Loose Powder XRD method: α -Quartz is 0.4 wt.%, Cristobalite is 0.2 wt.%.

Crystalline Silica in Bulk Materials Report

Date Received: 07.08.2025

Date of test: 07.08.2025

Report date: 11.08.2025

Lab ID: 2402939

Method: Loose Powder XRD

Project ID: A828024.1223.00

Sampling Date: 28.06.2024

Client: YDL Stone – Mineral Silica-Free Surface

Client Address: 65 Babbage Dr,
Dandenong South VIC 3175

Lab ID	Field Sample ID	Sample Matrix	Crystalline Material Analysis		
			α -Quartz Weight Fraction (wt.%)	Cristobalite Weight Fraction (wt.%)	Total wt.%
2024023140	YDL – SF SE01 Blanco Divino	Stone	< 0.5 wt.%	< 0.5 wt.%	< 0.5 wt.%

Results Authorised By: Hamish McDougall



Remarks:

Samples were prepared as loose powders and top loaded into instrument.

No correction for XRD measurement uncertainty performed for these samples. These uncertainties include correction for preferred orientation, multiphase crystalline material overlap, and presence of amorphous content.

Crystalline silica is reported as α -Quartz and Cristobalite polymorphs.

Sydney Laboratory Services is responsible for all the information in the report, except that provided by the customer. All sampling information included in the report has been provided by customer.

Sample analysed as received.

Samples are stored for minimum period of 1 month if longer time is not advised by client.

Method Description: Loose powder preparation for XRD measurement

Method No. Loose Powder XRD

PQL Loose Powder XRD method: α -quartz is 0.4 wt.%, Cristobalite is 0.2 wt.%.

Crystalline Silica in Bulk Materials Analysis Report

Lab Reference: 2402941
Date Received: 04.09.2025

Client: YDL Stone – Mineral Silica-Free Surface
Client Address: 65 Babbage Dr, Dandenong South, VIC,
3175

Analysis Date: 09.09.2025
Reporting Date: 11.09.2025
Method ID: Loose Powder XRD

Project ID: YDL Stone
Sampling Date: 02.09.2025

Lab Sample ID	Client Sample ID	Sample Matrix	Crystalline Silica Analysis		
			α -Quartz Weight Fraction, wt.%	Cristobalite Weight Fraction, wt.%	Total Weight Fraction, wt.%
2024023142	YDL – SF SE03 Supernova	Stone	< 0.5 %	< 0.5 %	< 0.5 %

Results Authorised By: Hamish McDougall



Remarks:

Samples were prepared as loose powders and top loaded into instrument.
No correction for XRD measurement uncertainty performed for these samples. These uncertainties include correction for preferred orientation, multiphase crystalline material overlap, and presence of amorphous content.
Crystalline silica is reported as α -Quartz and Cristobalite polymorphs.

Sydney Laboratory Services is responsible for all the information in the report, except that provided by the customer. All sampling information included in the report has been provided by customer.
Sample analysed as received.
Samples are stored for minimum period of 1 month if longer time is not advised by client.

Method Description: Loose powder preparation for XRD measurement

Method ID: Loose Powder XRD

PQL Loose Powder XRD method: α -Quartz is 0.4 wt.%, Cristobalite is 0.2 wt.%.

Crystalline Silica in Bulk Materials Analysis Report

Lab Reference: 2603646 - SF SE06 AMD01

Date Received: 27.07.2026

Analysis Date: 30.07.2026

Reporting Date: 31.07.2026

Analysis Required: Crystalline Silica Content

Technical Method: BCS-P-01

Client: YDL Stone - Mineral Silica-Free Surface

Client Address: 65 Babbage Dr, Dandenong, South VIC, 3175

Project ID: YDL Stone

Sampling Date: 27.07.2026

Laboratory ID	Client Sample ID	Sample Matrix	Sample Type	Crystalline Silica Content		
				α -Quartz, wt. %	Cristobalite, wt. %	Total Fraction, wt. %
2026024947	YDL - SF SE06 Viola Imperiale	Stone	Bulk	0.6	< 0.5	0.6

Result Authorised By:

Name: Hamish McDougall

Title: XRD Analyst (NATA Signatory)

Signature:



Remarks:

- Amended report (AMD01) on the 31.07.2026.
- Reason for amendment: Original report separated by individual samples at the request of client.
- This document supersedes the original version of the report for lab reference 2603646.
- Sydney Laboratory Services is responsible for all the information in this report except that provided by the customer.
- All sampling information included in this report has been provided by customer.
- Bulk samples were prepared as homogenous loose powder for XRD measurement.
- Correction for preferred orientation, multiphase histogram convolution, and amorphous content was performed.
- Crystalline silica is reported as α -Quartz and Cristobalite polymorphs.
- Rejected samples are denoted with *. Results obtained from external laboratories are denoted with ^.
- Samples are stored for minimum period of 1 month if longer time is not advised by client.

Method ID: BCS-P-01, internal method

Method Description: Quantification of crystalline silica in bulk materials

Method Information: Limit of reporting for both α -Quartz and Cristobalite is 0.5 wt. %

Crystalline Silica in Bulk Materials Analysis Report

Lab Reference: 2402942
Date Received: 04.09.2025

Client: YDL Stone – Mineral Silica-Free Surface
Client Address: 65 Babbage Dr, Dandenong South, VIC,
3175

Analysis Date: 09.09.2025
Reporting Date: 11.09.2025
Method ID: Loose Powder XRD

Project ID: YDL Stone
Sampling Date: 02.09.2025

Lab Sample ID	Client Sample ID	Sample Matrix	Crystalline Silica Analysis		
			α -Quartz Weight Fraction, wt.%	Cristobalite Weight Fraction, wt.%	Total Weight Fraction, wt.%
2024023143	YDL – SF SE05 Alpana Ash	Stone	< 0.5 %	< 0.5 %	< 0.5 %

Results Authorised By: Hamish McDougall



Remarks:

Samples were prepared as loose powders and top loaded into instrument.
No correction for XRD measurement uncertainty performed for these samples. These uncertainties include correction for preferred orientation, multiphase crystalline material overlap, and presence of amorphous content.
Crystalline silica is reported as α -Quartz and Cristobalite polymorphs.

Sydney Laboratory Services is responsible for all the information in the report, except that provided by the customer. All sampling information included in the report has been provided by customer.
Sample analysed as received.
Samples are stored for minimum period of 1 month if longer time is not advised by client.

Method Description: Loose powder preparation for XRD measurement

Method ID: Loose Powder XRD

PQL Loose Powder XRD method: α -Quartz is 0.4 wt.%, Cristobalite is 0.2 wt.%.

Crystalline Silica in Bulk Materials Analysis Report

Lab Reference: 2500992
Date Received: 22.09.2025

Client: YDL Stone – Mineral Silica-Free Surface
Client Address: 65 Babbage Dr, Dandenong South, VIC, 3175

Analysis Date: 22.09.2025
Reporting Date: 23.09.2025
Method Used: BCS-01

Project ID: YDL Stone
Sampling Date: 18.09.2025

Lab Sample ID	Client Sample ID	Sample Matrix	Crystalline Silica Analysis		
			α -Quartz Weight Fraction, wt.%	Cristobalite Weight Fraction, wt.%	Total Weight Fraction, wt.%
2025007428	YDL – SF SE07 Luca Del Mare	Stone	< 0.5 %	< 0.5 %	< 0.5 %

Results Authorised By: Hamish McDougall



Remarks:

Samples were prepared as loose powders and top loaded into instrument.

No correction for XRD measurement uncertainty performed for these samples. These uncertainties include correction for preferred orientation, multiphase crystalline material overlap, and presence of amorphous content.

Crystalline silica is reported as α -Quartz and Cristobalite polymorphs.

Sydney Laboratory Services is responsible for all the information in the report, except that provided by the customer. All sampling information included in the report has been provided by customer.

Sample analysed as received.

Samples are stored for minimum period of 1 month if longer time is not advised by client.

Method Source: BCS-01, Internal method

Method Description: XRD measurement of loose powder generated from bulk materials

Method Information: LOR for both α -Quartz and Cristobalite is 0.5 wt.%.

Crystalline Silica in Bulk Materials Analysis Report

Lab Reference: 2402943
Date Received: 04.09.2025

Client: YDL Stone – Mineral Silica-Free Surface
Client Address: 65 Babbage Dr, Dandenong South, VIC, 3175

Analysis Date: 09.09.2025
Reporting Date: 11.09.2025
Method ID: Loose Powder XRD

Project ID: YDL Stone
Sampling Date: 02.09.2025

Lab Sample ID	Client Sample ID	Sample Matrix	Crystalline Silica Analysis		
			α -Quartz Weight Fraction, wt.%	Cristobalite Weight Fraction, wt.%	Total Weight Fraction, wt.%
2024023144	YDL – SF SE08 Mahal Ivory	Stone	< 0.5 %	< 0.5 %	< 0.5 %

Results Authorised By: Hamish McDougall



Remarks:

Samples were prepared as loose powders and top loaded into instrument.
No correction for XRD measurement uncertainty performed for these samples. These uncertainties include correction for preferred orientation, multiphase crystalline material overlap, and presence of amorphous content.
Crystalline silica is reported as α -Quartz and Cristobalite polymorphs.

Sydney Laboratory Services is responsible for all the information in the report, except that provided by the customer. All sampling information included in the report has been provided by customer.
Sample analysed as received.
Samples are stored for minimum period of 1 month if longer time is not advised by client.

Method Description: Loose powder preparation for XRD measurement

Method ID: Loose Powder XRD

PQL Loose Powder XRD method: α -Quartz is 0.4 wt.%, Cristobalite is 0.2 wt.%.

Crystalline Silica in Bulk Materials Analysis Report

Lab Reference: 2500989
Date Received: 22.09.2025

Client: YDL Stone – Mineral Silica-Free Surface
Client Address: 65 Babbage Dr, Dandenong South, VIC, 3175

Analysis Date: 22.09.2025
Reporting Date: 23.09.2025
Method ID: BCS-01

Project ID: YDL Stone
Sampling Date: 18.09.2025

Lab Sample ID	Client Sample ID	Sample Matrix	Crystalline Silica Analysis		
			α -Quartz Weight Fraction, wt.%	Cristobalite Weight Fraction, wt.%	Total Weight Fraction, wt.%
2025007425	YDL – SF SE09 Super Arabescato	Stone	< 0.5 %	< 0.5 %	< 0.5 %

Results Authorised By: Hamish McDougall



Remarks:

Samples were prepared as loose powders and top loaded into instrument.

No correction for XRD measurement uncertainty performed for these samples. These uncertainties include correction for preferred orientation, multiphase crystalline material overlap, and presence of amorphous content.

Crystalline silica is reported as α -Quartz and Cristobalite polymorphs.

Sydney Laboratory Services is responsible for all the information in the report, except that provided by the customer. All sampling information included in the report has been provided by customer.

Sample analysed as received.

Samples are stored for minimum period of 1 month if longer time is not advised by client.

Method Source: BCS-01, Internal method

Method Description: XRD measurement of loose powder generated from bulk materials

Method Information: LOR for both α -Quartz and Cristobalite is 0.5 wt.%.

Crystalline Silica in Bulk Materials Analysis Report

Lab Reference: 2500990
Date Received: 22.09.2025

Client: YDL Stone – Mineral Silica-Free Surface
Client Address: 65 Babbage Dr, Dandenong South, VIC,
3175

Analysis Date: 22.09.2025
Reporting Date: 23.09.2025
Method ID: BCS-01

Project ID: YDL Stone
Sampling Date: 18.09.2025

Lab Sample ID	Client Sample ID	Sample Matrix	Crystalline Silica Analysis		
			α -Quartz Weight Fraction, wt.%	Cristobalite Weight Fraction, wt.%	Total Weight Fraction, wt.%
2025007426	YDL - SF SE10 Eos Illumina	Stone	< 0.5 %	< 0.5 %	< 0.5 %

Results Authorised By: Hamish McDougall



Remarks:

Samples were prepared as loose powders and top loaded into instrument.
No correction for XRD measurement uncertainty performed for these samples. These uncertainties include correction for preferred orientation, multiphase crystalline material overlap, and presence of amorphous content.
Crystalline silica is reported as α -Quartz and Cristobalite polymorphs.

Sydney Laboratory Services is responsible for all the information in the report, except that provided by the customer. All sampling information included in the report has been provided by customer.
Sample analysed as received.
Samples are stored for minimum period of 1 month if longer time is not advised by client.

Method Source: BCS-01, Internal method

Method Description: XRD measurement of loose powder generated from bulk materials

Method Information: LOR for both α -Quartz and Cristobalite is 0.5 wt.%.

Crystalline Silica in Bulk Materials Analysis Report

Lab Reference: 2603459 YDL - SF SE11 AMD01

Date Received: 15.07.2026

Analysis Date: 22.07.2026

Reporting Date: 23.07.2026

Analysis Required: Crystalline Silica Content

Technical Method: BCS-P-01

Client: YDL Stone - Mineral Silica-Free Surface

Client Address: 65 Babbage Dr, Dandenong, South Vic, 3175

Project ID: YDL Stone

Sampling Date: 15.07.2026

Laboratory ID	Client Sample ID	Sample Matrix	Sample Type	Crystalline Silica Content		
				α-Quartz, wt. %	Cristobalite, wt. %	Total Fraction, wt. %
2026023870	YDL - SF SE11 Royal Taj	Stone	Bulk	< 0.5	< 0.5	< 0.5

Result Authorised By:

Name: Hamish McDougall

Title: XRD Analyst (NATA Signatory)

Signature:



Remarks:

- Amended report (AMD01) on the 23.07.2026.
- Reason for amendment: Original report separated by individual samples at the request of client.
- This document supersedes the original version of the report for lab reference 2603459.
- Sydney Laboratory Services is responsible for all the information in this report except that provided by the customer.
- All sampling information included in this report has been provided by customer.
- Bulk samples were prepared as homogenous loose powder for XRD measurement.
- Correction for preferred orientation, multiphase histogram convolution, and amorphous content was performed.
- Crystalline silica is reported as α-Quartz and Cristobalite polymorphs.
- Rejected samples are denoted with *. Results obtained from external laboratories are denoted with ^.
- Samples are stored for minimum period of 1 month if longer time is not advised by client.

Method ID: BCS-P-01, internal method

Method Description : Quantification of crystalline silica in bulk materials

Method Information: Limit of reporting for both α-Quartz and Cristobalite is 0.5 wt. %