

Lab. Reference: 2024-0479-A

CAESARSTONE Australia
400 Morrebank Ave
Moorebank Business Park
MOOREBANK NSW 2170

Samples analysed as received

SAMPLE ORIGIN: Snow;Intense White;Ocean Foam;Organic Wh

DATE OF INVESTIGATION: 06/02/2024

DATE RECEIVED: 6/02/24

ANALYSIS REQUIRED: Alpha Quartz

REPORT OF ANALYSIS OFFICIAL: Sensitive – Personal

See attached sheet(s) for sample description and test results.

The results of this report have been approved by the signatory whose signature appears below.

For all administrative or account details please contact the Laboratory.

Increment and total pagination can be seen on the following pages.



Martin Mazereeuw

Manager

Date: 28/03/24

Report of Analysis for Crystalline Silica in Bulk Samples

Requested by: Kim Smith

Organisation: Caesarstone

Date of Analysis: 7/3/2024

Reference number	Sample ID	α -Quartz (% w/w)
2024-0479-A-1	2141-Snow	<LOQ
2024-0479-A-2	6011-Intense White	<LOQ
2024-0479-A-3	6141-Ocean Foam	<LOQ
2024-0479-A-4	4600-Organic White	<LOQ

Comments: The samples were ground and analysed.

Method Description : Direct Determination of Alpha Quartz in Bulk Samples by X-ray diffractometry.

Method No. : WCA.115

Limit of Quantitation: 1% w/w.

w/w = weight per weight (e.g. 1% quartz w/w would mean that in 100g of bulk, 1g would be crystalline quartz).

Measurement Uncertainty (MU):

The measurement uncertainty is an estimate that characterises the range of values within which the true value is asserted to lie. The uncertainty estimate is an expanded uncertainty using a coverage factor of 2, which gives a level of confidence of approximately 95%. The estimate is compliant with the “ISO Guide to the Expression of Uncertainty in Measurement” and is a full estimate based on in-house method validation and quality control data.

IMPORTANT INFORMATION

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Lab. Reference: 2024-0479-B

CAESARSTONE Australia
400 Morrebank Ave
Moorebank Business Park
MOOREBANK NSW 2170

SAMPLE ORIGIN: Snow;Intense White;Ocean Foam;Organic Wh

DATE OF INVESTIGATION: 06/02/2024

DATE RECEIVED: 6/02/24

ANALYSIS REQUIRED: Cristobalite

RESULTS OF ANALYSIS

See attached sheet(s) for sample description and test results.

For all administrative or account details please contact Jeanine Wells.

Increment and total pagination can be seen on the following pages.

Martin Mazereeuw

Manager

Date: 28/03/24

Report of Analysis for Crystalline Silica in Bulk Samples

Requested by: Kim Smith

Organisation: Caesarstone

Date of Analysis: 7/3/2024

Reference number	Sample ID	Cristobalite (% w/w)
2024-0479-B-1	2141-Snow	<LOQ
2024-0479-B-2	6011-Intense White	<LOQ
2024-0479-B-3	6141-Ocean Foam	<LOQ
2024-0479-B-4	4600-Organic White	<LOQ

Comments: The samples were ground and analysed.

Method Description : Direct Determination of Alpha Quartz in Bulk Samples by X-ray diffractometry.
 Method No. : WCA.115 modified

Limit of Quantitation: 1% w/w.
 w/w = weight per weight (e.g. 1% quartz w/w would mean that in 100g of bulk, 1g would be crystalline quartz).

Measurement Uncertainty (MU):
 The measurement uncertainty is an estimate that characterises the range of values within which the true value is asserted to lie. The uncertainty estimate is an expanded uncertainty using a coverage factor of 2, which gives a level of confidence of approximately 95%. The estimate is compliant with the “ISO Guide to the Expression of Uncertainty in Measurement” and is a full estimate based on in-house method validation and quality control data.

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Lab. Reference: 2024-2795

CAESARSTONE Australia
400 Morrebank Ave
Moorebank Business Park
MOOREBANK NSW 2170

Samples analysed as received

SAMPLE ORIGIN: JetBlk(3100);AlpMist(5110);FrstyCar(5141)

DATE OF INVESTIGATION: 19/06/2024

DATE RECEIVED: 21/06/24

ANALYSIS REQUIRED: Alpha Quartz/Cristobalite

REPORT OF ANALYSIS OFFICIAL: Sensitive – Personal

See attached sheet(s) for sample description and test results.

The results of this report have been approved by the signatory whose signature appears below.

For all administrative or account details please contact the Laboratory.

Increment and total pagination can be seen on the following pages.



Martin Mazereeuw
Manager Chemical Analysis Branch

Date: 21/08/24

Report of Analysis for Crystalline Silica in Bulk Samples

Requested by: Kim Smith

Organisation: Caesarstone Australia

Date of Analysis: 6/8/2024

Reference number	Sample ID	α -Quartz (% w/w)	Cristobalite* (% w/w)
2024-2795-1	Jet Black (3100)	<LOR	<LOR
2024-2795-2	Alpine Mist (5110)	<LOR	<LOR
2024-2795-3	Frosty Carrina (5141)	<LOR	<LOR

Comments: The samples were ground and analysed.

Method Description : Direct Determination of Crystalline silica in Bulk Samples by X-ray diffractometry. External standard method with infinite thickness. The method was validated by TestSafe and accredited by NATA (ISO 17025).

Method No. : WCA.115

*Cristobalite is currently outside of NATA scope.

LOR for α -Quartz and Cristobalite: 0.5% w/w.

w/w = weight per weight (e.g. 1% quartz w/w would mean that in 100g of bulk, 1g would be quartz).

Measurement Uncertainty (MU):

The measurement uncertainty is an estimate that characterises the range of values within which the true value is asserted to lie. The uncertainty estimate is an expanded uncertainty using a coverage factor of 2, which gives a level of confidence of approximately 95%. The estimate is compliant with the "ISO Guide to the Expression of Uncertainty in Measurement" and is a full estimate based on in-house method validation and quality control data.

The measured result and '±' are followed by MU. The MU at LOR is 0.3%w/w.

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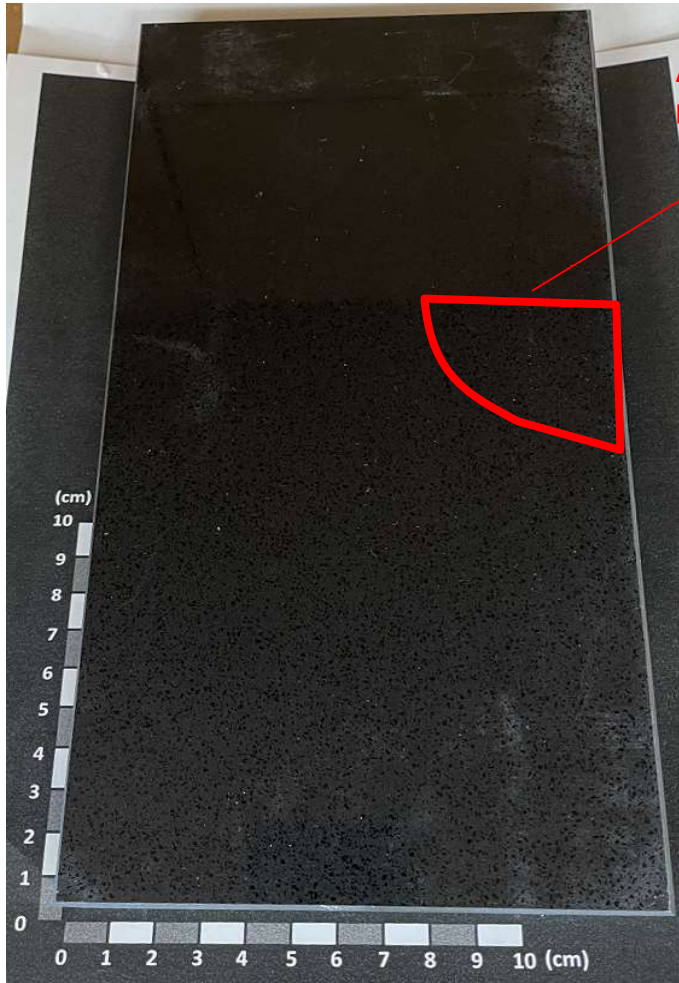
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Report of Analysis for Crystalline Silica in Bulk Samples

Requested by: Kim Smith

Organisation: Caesarstone Australia

Date of Analysis: 6/8/2024

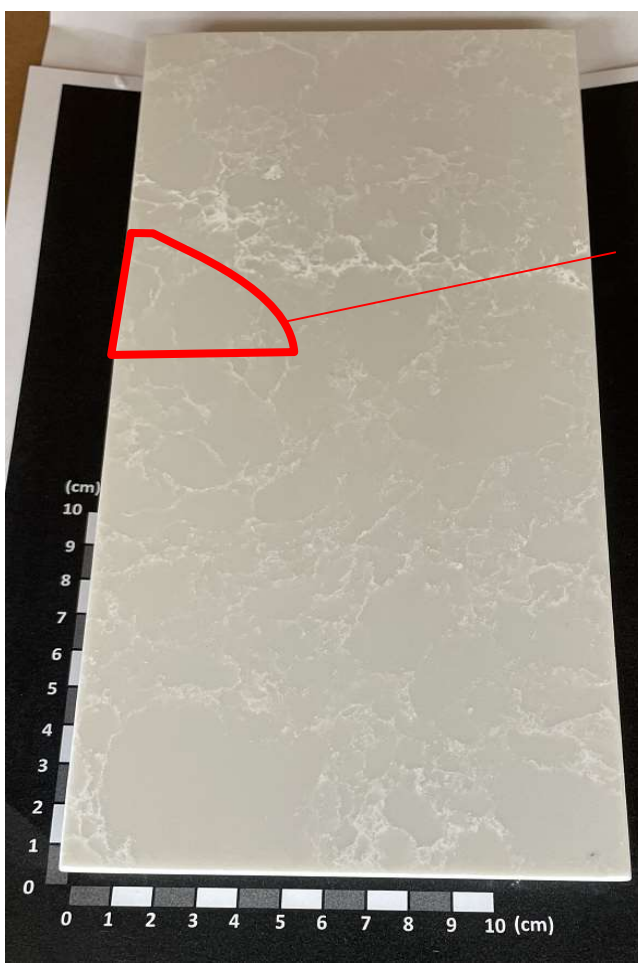
Reference number	2024-2795-1
<p>Sample image</p>  <p>Approximate portion analysed</p>	

Report of Analysis for Crystalline Silica in Bulk Samples

Requested by: Kim Smith

Organisation: Caesarstone Australia

Date of Analysis: 6/8/2024

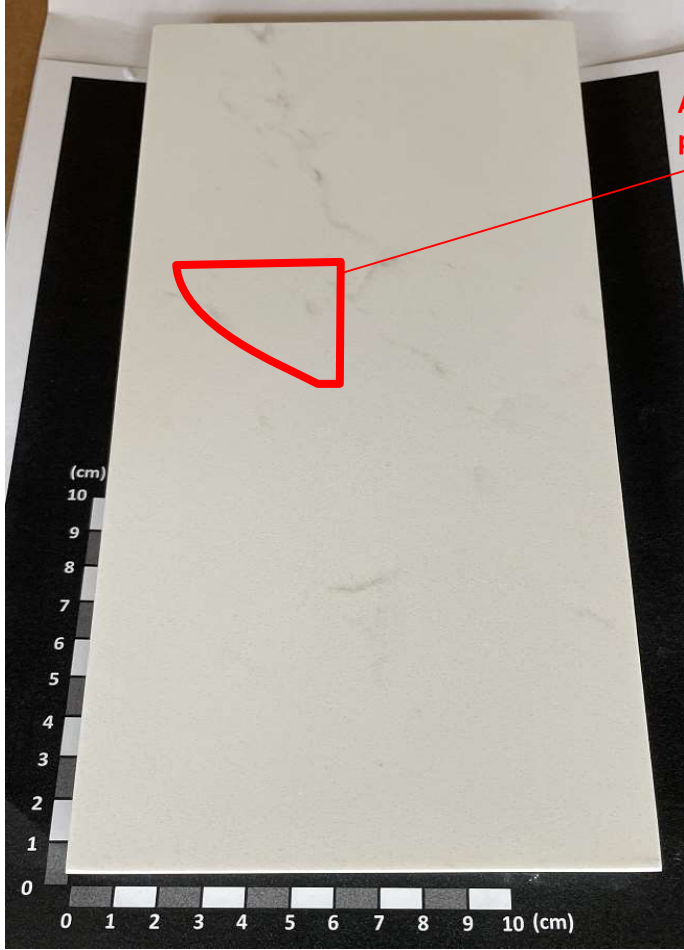
Reference number	2024-2795-2
Sample image  <p data-bbox="1133 963 1340 1052">Approximate portion analysed</p>	

Report of Analysis for Crystalline Silica in Bulk Samples

Requested by: Kim Smith

Organisation: Caesarstone Australia

Date of Analysis: 6/8/2024

Reference number	2024-2795-3
Sample image  <p data-bbox="1136 880 1345 947">Approximate portion analysed</p>	

Lab. Reference: 2024-2797

CAESARSTONE Australia
400 Morrebank Ave
Moorebank Business Park
MOOREBANK NSW 2170

Samples analysed as received

SAMPLE ORIGIN: PureWht(1141);FreConc(4001);RawCon(4004)

DATE OF INVESTIGATION: 19/06/2024

DATE RECEIVED: 21/06/24

ANALYSIS REQUIRED: Alpha Quartz/Cristobalite

REPORT OF ANALYSIS OFFICIAL: Sensitive – Personal

See attached sheet(s) for sample description and test results.

The results of this report have been approved by the signatory whose signature appears below.

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Martin Mazereeuw
Manager Chemical Analysis Branch

Date: 10/09/24

Report of Analysis for Crystalline Silica in Bulk Samples

Requested by: Kim Smith

Organisation: Caesarstone Australia

Date of Analysis: 2/9/2024

Reference number	Sample ID	α -Quartz (% w/w)	Cristobalite* (% w/w)
2024-2797-1	Pure White (1141)	<LOR	<LOR
2024-2797-2	Fresh Concrete (4001)	<LOR	<LOR
2024-2797-3	Raw Concrete (4004)	<LOR	<LOR

Comments: The samples were ground and analysed.

Method Description : Direct Determination of Crystalline silica in Bulk Samples by X-ray diffractometry. External standard method with infinite thickness. The method was validated by TestSafe and accredited by NATA (ISO 17025).

Method No. : WCA.115

*Cristobalite is currently outside of NATA scope.

LOR for α -Quartz and Cristobalite: 0.5% w/w.

w/w = weight per weight (e.g. 1% quartz w/w would mean that in 100g of bulk, 1g would be quartz).

Measurement Uncertainty (MU):

The measurement uncertainty is an estimate that characterises the range of values within which the true value is asserted to lie. The uncertainty estimate is an expanded uncertainty using a coverage factor of 2, which gives a level of confidence of approximately 95%. The estimate is compliant with the "ISO Guide to the Expression of Uncertainty in Measurement" and is a full estimate based on in-house method validation and quality control data.

The measured result and '±' are followed by MU. The MU at LOR is 0.3%w/w.

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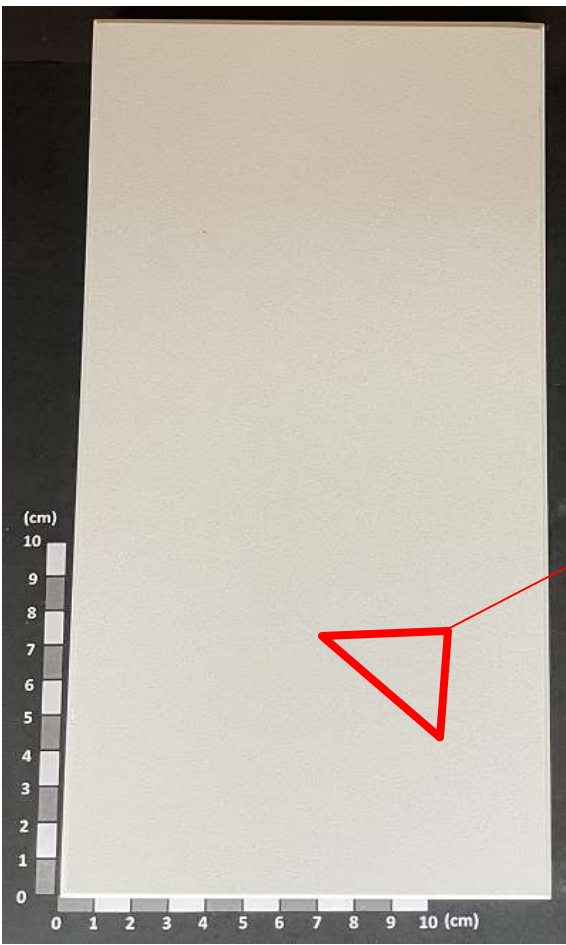
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Report of Analysis for Crystalline Silica in Bulk Samples

Requested by: Kim Smith

Organisation: Caesarstone Australia

Date of Analysis: 2/9/2024

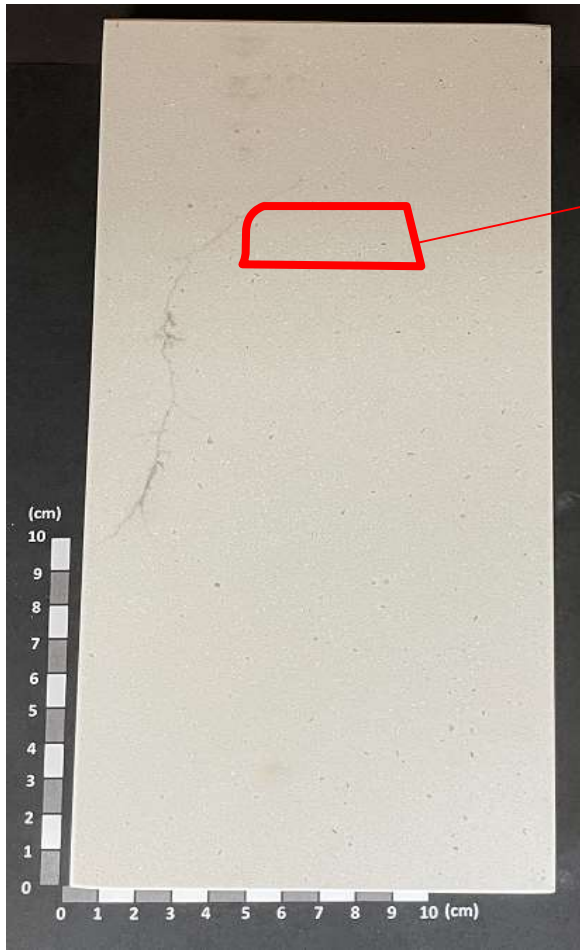
Reference number	2024-2797-1
<p data-bbox="300 678 494 716">Sample image</p>  <p data-bbox="1098 1205 1311 1272">Approximate portion analysed</p>	

Report of Analysis for Crystalline Silica in Bulk Samples

Requested by: Kim Smith

Organisation: Caesarstone Australia

Date of Analysis: 2/9/2024

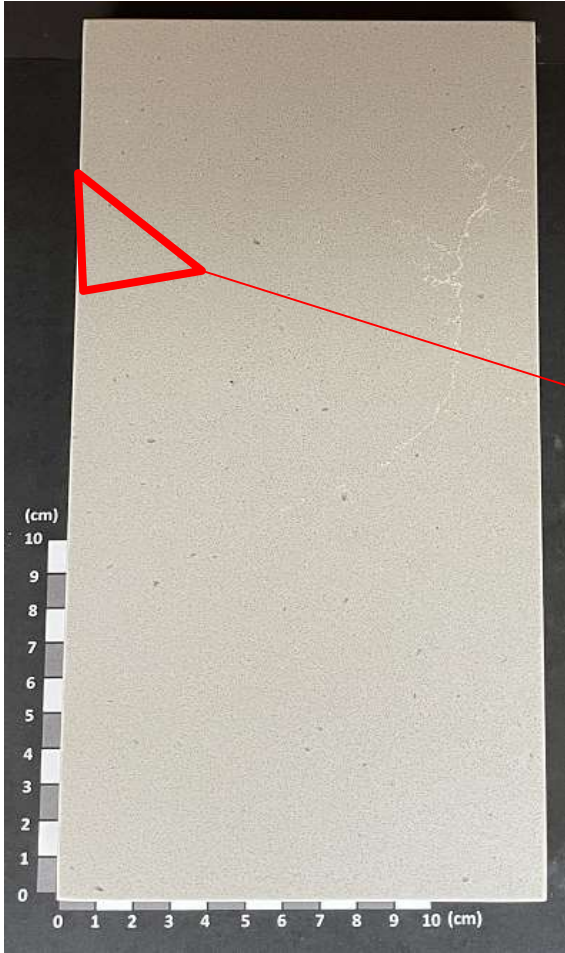
Reference number	2024-2797-2
Sample image 	

Report of Analysis for Crystalline Silica in Bulk Samples

Requested by: Kim Smith

Organisation: Caesarstone Australia

Date of Analysis: 2/9/2024

Reference number	2024-2797-3
Sample image  <p data-bbox="1066 1196 1278 1263">Approximate portion analysed</p>	

Lab. Reference: 2024-2796

CAESARSTONE Australia
400 Morrebank Ave
Moorebank Business Park
MOOREBANK NSW 2170

Samples analysed as received

SAMPLE ORIGIN: EmpWht(5151);Osprey(3141);StatMax(5031)

DATE OF INVESTIGATION: 19/06/2024

DATE RECEIVED: 21/06/24

ANALYSIS REQUIRED: Alpha Quartz/Cristobalite

REPORT OF ANALYSIS OFFICIAL: Sensitive – Personal

See attached sheet(s) for sample description and test results.

The results of this report have been approved by the signatory whose signature appears below.

For all administrative or account details please contact the Laboratory.

Increment and total pagination can be seen on the following pages.



Martin Mazereeuw
Manager Chemical Analysis Branch

Date: 10/09/24

Report of Analysis for Crystalline Silica in Bulk Samples

Requested by: Kim Smith

Organisation: Caesarstone Australia

Date of Analysis: 27/8/2024

Reference number	Sample ID	α-Quartz (% w/w)	Cristobalite* (% w/w)
2024-2796-1	Empira White (5151)	<LOR	<LOR
2024-2796-2	Osprey (3141)	<LOR	<LOR
2024-2796-3	Statuario Maximus (5031)	<LOR	<LOR

Comments: The samples were ground and analysed.

Method Description : Direct Determination of Crystalline silica in Bulk Samples by X-ray diffractometry. External standard method with infinite thickness. The method was validated by TestSafe and accredited by NATA (ISO 17025).

Method No. : WCA.115

*Cristobalite is currently outside of NATA scope.

LOR for α-Quartz and Cristobalite: 0.5% w/w.

w/w = weight per weight (e.g. 1% quartz w/w would mean that in 100g of bulk, 1g would be quartz).

Measurement Uncertainty (MU):

The measurement uncertainty is an estimate that characterises the range of values within which the true value is asserted to lie. The uncertainty estimate is an expanded uncertainty using a coverage factor of 2, which gives a level of confidence of approximately 95%. The estimate is compliant with the “ISO Guide to the Expression of Uncertainty in Measurement” and is a full estimate based on in-house method validation and quality control data.

The measured result and '±' are followed by MU. The MU at LOR is 0.3%/w/w.

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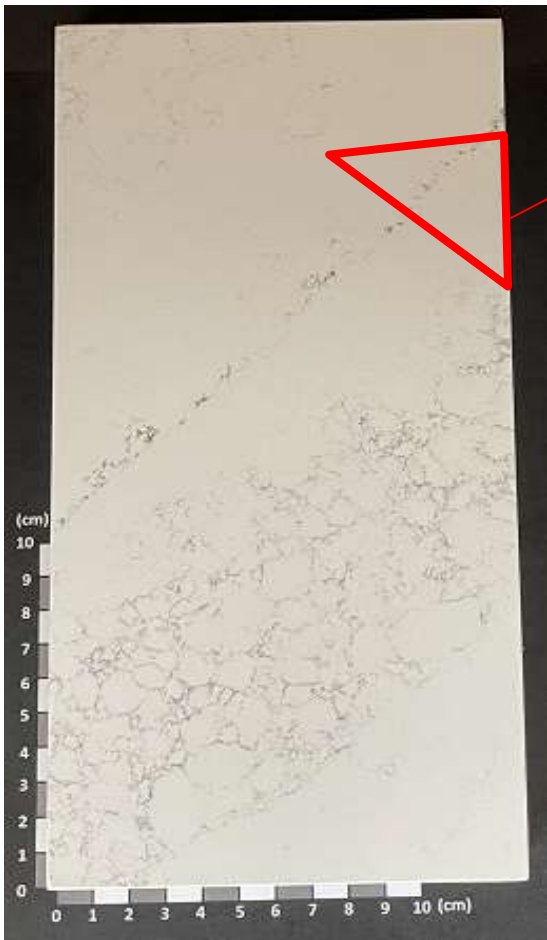
<https://www.nsw.gov.au/business-and-economy/testsafe/terms>

Report of Analysis for Crystalline Silica in Bulk Samples

Requested by: Kim Smith

Organisation: Caesarstone Australia

Date of Analysis: 27/8/2024


Reference number	2024-2796-1
Sample image  <p data-bbox="1133 817 1348 884">Approximate portion analysed</p>	

Report of Analysis for Crystalline Silica in Bulk Samples

Requested by: Kim Smith

Organisation: Caesarstone Australia

Date of Analysis: 27/8/2024


Reference number	2024-2796-2
Sample image  <p data-bbox="1098 1182 1311 1249">Approximate portion analysed</p>	

Report of Analysis for Crystalline Silica in Bulk Samples

Requested by: Kim Smith

Organisation: Caesarstone Australia

Date of Analysis: 27/8/2024

Reference number	2024-2796-3
Sample image  <p data-bbox="1086 1055 1294 1122">Approximate portion analysed</p>	