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TEST REPORT

Report no.: BKKH23002795

Applicant: MILD STONE CO., LTD
95/786 BAROMRAJCHONNEE RD., ARUNAMMARIN,
BANGKOKNOI, BANGKOK 10700 THAILAND
ATTN: K. NIPAPORN

Issued Date: Mar 16, 2023

Sample Submitted:

Quantity of sample:	One (1) bag
Sample description:	Clear CZ
Date sample received:	March 10, 2023

Client Information:

Sample Name:	Cubic Zirconia (CZ) ϕ 2.0 mm
Item No:	MS-CZ001-2023
Supplier Name:	MILD STONE CO., LTD
Goods Exported to:	THAILAND
Country of Origin:	THAILAND

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Test conducted:

As requested by the applicant, for details please refer to attached page(s)

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Conclusion:

Tested samples	Client's requirement	Result
Submitted sample	Lead content	See test conducted
	Cadmium content	See test conducted
	Mercury content	See test conducted
	Nickel content	See test conducted
	Arsenic content	See test conducted
	Chromium content	See test conducted

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For and on behalf of :
Intertek Testing Services (Thailand) Ltd.,
Hardlines Laboratory

Ladtaka W.

Ladtaka Wongwiboonporn
Operation Manager
Hardlines Department

Intertek Testing Services (Thailand) Ltd. 1285/5 Prachachuen Road, Wong-Sawang, Bangsue, Bangkok 10800 Thailand Tel + 662 765 2999 **www.intertek.com**

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Test conducted:

1 Lead (Pb) content
In-house method based on USEPA 3052, Acid digestion method was used, total Lead content were determined by Inductively Couple Plasma Optical Emission Spectrometry.

Tested samples	Result (ppm)	LOD(ppm)	LOQ(ppm)
Submitted sample	ND	2	13

Remark: ppm = Parts per million base on weight of sample
ND = Not detected (Less than LOD)
LOD = Limit of detection
LOQ = Limit of quantitation

Tested component: Clear CZ (MS-CZ001-2023)

Testing period: March 10, 2023 to March 16, 2023

2 Cadmium (Cd) content
In-house method based on USEPA 3052, Acid digestion method was used, total Cadmium content were determined by Inductively Couple Plasma Optical Emission Spectrometry.

Tested samples	Result (ppm)	LOD(ppm)	LOQ(ppm)
Submitted sample	ND	1	5

Remark: ppm = Parts per million base on weight of sample
ND = Not detected (Less than LOD)
LOD = Limit of detection
LOQ = Limit of quantitation

Tested component: Clear CZ (MS-CZ001-2023)

Testing period: March 10, 2023 to March 16, 2023

3 Mercury (Hg) content
In-house method based on USEPA 3052, Acid digestion method was used, total Mercury content were determined by Inductively Couple Plasma Optical Emission Spectrometry.

Tested samples	Result (ppm)	LOD(ppm)	LOQ(ppm)
Submitted sample	ND	3	13

Remark: ppm = Parts per million base on weight of sample
ND = Not detected (Less than LOD)
LOD = Limit of detection
LOQ = Limit of quantitation

Tested component: Clear CZ (MS-CZ001-2023)

Testing period: March 10, 2023 to March 16, 2023

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Test conducted:

4 Nickel (Ni) content
In-house method based on USEPA 3052, Acid digestion method was used, total Nickel content were determined by Inductively Couple Plasma Optical Emission Spectrometry.

Tested samples	Result (ppm)
Submitted sample	<5

Remark: ppm = Parts per million base on weight of sample
< = Less than

Tested component: Clear CZ (MS-CZ001-2023)

Testing period: March 10, 2023 to March 16, 2023

5 Arsenic (As) content
In-house method based on USEPA 3052, Acid digestion method was used, total Arsenic content were determined by Inductively Couple Plasma Optical Emission Spectrometry.

Tested samples	Result (ppm)
Submitted sample	<13

Remark: ppm = Parts per million base on weight of sample
< = Less than

Tested component: Clear CZ (MS-CZ001-2023)

Testing period: March 10, 2023 to March 16, 2023

6 Chromium (Cr) content
In-house method based on USEPA 3052, Acid digestion method was used, total Chromium content were determined by Inductively Couple Plasma Optical Emission Spectrometry.

Tested samples	Result (ppm)
Submitted sample	<5

Remark: ppm = Parts per million base on weight of sample
< = Less than

Tested component: Clear CZ (MS-CZ001-2023)

Testing period: March 10, 2023 to March 16, 2023

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