

**TEST REPORT**

The report shall not be reproduced without written approval from Intertek  
The results relate only to the item tested.

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)  $\phi$  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:**

| <u>Tested samples</u> | <u>Client's requirement</u> | <u>Result</u>      |
|-----------------------|-----------------------------|--------------------|
| 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



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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.

| <u>Tested samples</u> | <u>Result (ppm)</u> | <u>LOD(ppm)</u> | <u>LOQ(ppm)</u> |
|-----------------------|---------------------|-----------------|-----------------|
| 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.

| <u>Tested samples</u> | <u>Result (ppm)</u> | <u>LOD(ppm)</u> | <u>LOQ(ppm)</u> |
|-----------------------|---------------------|-----------------|-----------------|
| 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.

| <u>Tested samples</u> | <u>Result (ppm)</u> | <u>LOD(ppm)</u> | <u>LOQ(ppm)</u> |
|-----------------------|---------------------|-----------------|-----------------|
| 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.

| <u>Tested samples</u> | <u>Result (ppm)</u> |
|-----------------------|---------------------|
| 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.

| <u>Tested samples</u> | <u>Result (ppm)</u> |
|-----------------------|---------------------|
| 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.

| <u>Tested samples</u> | <u>Result (ppm)</u> |
|-----------------------|---------------------|
| 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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