

**MERIEUX NUTRISCIENCES MALAYSIA SDN. BHD.**  
Co. No.200001012320 (514926-V)  
Website: [www.merieuxnutrisciences.com/my/](http://www.merieuxnutrisciences.com/my/)  
Email: [enquiry.my@mxns.com](mailto:enquiry.my@mxns.com)

Northern Region | **SMM 253** | Plot No. 256, Tingkat Perusahaan 5, Kawasan Perindustrian Perai 2, 13600 Perai, Pulau Pinang.  
(ELEVATE @ GRAVITAS) B2-03-23, Lorong Pauh Jaya 1/3, Taman Pauh Jaya, 13500 Permatang Pauh, Pulau Pinang.  
Central Region | **SMM 541** | Wisma Texchem Lot 808 & 809, Jalan Subang 5, Taman Perindustrian Subang, 47610 Subang Jaya, Selangor.  
Southern Region | 6 & 6A, Jalan Tampoi 7/4, Kawasan Perusahaan Jalan Tampoi, 81200 Johor Bharu, Johor.

**CERTIFICATE OF ANALYSIS**

CSC STEEL SDN BHD  
180 KAWASAN INDUSTRI AYER  
KEROH

75450 AYEH KEROH  
MELAKA

Tel : - Fax : -

Attn : Ms Chee

Test Facility : SMM 253  
Sample Category : Industrial Product  
Sample Description : 1 Piece(s) of Solid  
Receiving Mode : Courier  
Arrival Temperature, °C : 27.2  
Sample Condition : Good  
Sample Marking : realzinc™ GI STEEL SAMPLE  
SAMPLE ID: KD4276

Certificate No : PSA23071187I01-1  
Sample Received Date : 21-Jul-2023  
Analysis Start Date : 24-Jul-2023  
Analysis Completion Date : 01-Aug-2023  
Certificate Date : 01-Aug-2023

**Analysis Results :**

| PARAMETER                  | ANALYSIS RESULT | UNIT  | STANDARD METHOD / TECHNIQUE / EQUIPMENT USED                     |
|----------------------------|-----------------|-------|--|
| Cadmium (Cd)               | ND(<2)          | mg/kg | IEC 62321, Edition 1, 2008 (Chapter 10)                          |
| Lead (Pb)                  | ND(<2)          | mg/kg | IEC 62321, Edition 1, 2008 (Chapter 10)                          |
| * Mercury (Hg)             | ND(<2)          | mg/kg | In-house method LWI-TEC-C066 based on IEC 62321, Edition 1, 2013 |
| Chromium Hexavalent (Cr6+) | ND(<2)          | mg/kg | IEC 62321, Edition 1, 2008 (Annex C)                             |



TEEM CHIN MEAN  
Assistant General Manager  
M.Sc.,MMIC: M/2152/4620/04

\* denotes Not Accredited

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For Chemistry testing : **ND** denotes **not detected** (< **Numeric number**) denotes below limit of quantification

For Microbiological testing : (< **Numeric number**) denotes **Not Detected** and below limit of detection

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| PARAMETER                                     | ANALYSIS RESULT | UNIT  | STANDARD METHOD / TECHNIQUE / EQUIPMENT USED                     |
|---|-----------------|-------|--|
| * Sum of Polybrominated Biphenyl (PBB)        | ND(<20)         | mg/kg | In-House Method LWI-TEC-C002 Based on IEC 62321, Edition 1, 2008 |
| * Sum of Polybrominated Diphenyl Ether (PBDE) | ND(<20)         | mg/kg | In-House Method LWI-TEC-C002 Based on IEC 62321, Edition 1, 2008 |
| * Decabromobiphenyl                           | ND(<20)         | mg/kg | In-House Method LWI-TEC-C002 Based on IEC 62321, Edition 1, 2008 |
| * Decabromodiphenyl ether                     | ND(<20)         | mg/kg | In-House Method LWI-TEC-C002 Based on IEC 62321, Edition 1, 2008 |
| * Dibromobiphenyl                             | ND(<20)         | mg/kg | In-House Method LWI-TEC-C002 Based on IEC 62321, Edition 1, 2008 |
| * Dibromodiphenyl ether                       | ND(<20)         | mg/kg | In-House Method LWI-TEC-C002 Based on IEC 62321, Edition 1, 2008 |
| * Heptabromobiphenyl                          | ND(<20)         | mg/kg | In-House Method LWI-TEC-C002 Based on IEC 62321, Edition 1, 2008 |
| * Heptabromodiphenyl ether                    | ND(<20)         | mg/kg | In-House Method LWI-TEC-C002 Based on IEC 62321, Edition 1, 2008 |
| * Hexabromobiphenyl                           | ND(<20)         | mg/kg | In-House Method LWI-TEC-C002 Based on IEC 62321, Edition 1, 2008 |



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| PARAMETER                  | ANALYSIS RESULT | UNIT  | STANDARD METHOD / TECHNIQUE / EQUIPMENT USED                     |
|----------------------------|-----------------|-------|--|
| * Hexabromodiphenyl ether  | ND(<20)         | mg/kg | In-House Method LWI-TEC-C002 Based on IEC 62321, Edition 1, 2008 |
| * Monobromobiphenyl        | ND(<20)         | mg/kg | In-House Method LWI-TEC-C002 Based on IEC 62321, Edition 1, 2008 |
| * Monobromodiphenyl ether  | ND(<20)         | mg/kg | In-House Method LWI-TEC-C002 Based on IEC 62321, Edition 1, 2008 |
| * Nonabromobiphenyl        | ND(<20)         | mg/kg | In-House Method LWI-TEC-C002 Based on IEC 62321, Edition 1, 2008 |
| * Nonabromodiphenyl ether  | ND(<20)         | mg/kg | In-House Method LWI-TEC-C002 Based on IEC 62321, Edition 1, 2008 |
| * Octabromobiphenyl        | ND(<20)         | mg/kg | In-House Method LWI-TEC-C002 Based on IEC 62321, Edition 1, 2008 |
| * Octabromodiphenyl ether  | ND(<20)         | mg/kg | In-House Method LWI-TEC-C002 Based on IEC 62321, Edition 1, 2008 |
| * Pentabromobiphenyl       | ND(<20)         | mg/kg | In-House Method LWI-TEC-C002 Based on IEC 62321, Edition 1, 2008 |
| * Pentabromodiphenyl ether | ND(<20)         | mg/kg | In-House Method LWI-TEC-C002 Based on IEC 62321, Edition 1, 2008 |



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| PARAMETER                  | ANALYSIS RESULT | UNIT  | STANDARD METHOD / TECHNIQUE / EQUIPMENT USED                     |
|----------------------------|-----------------|-------|--|
| * Tetrabromobiphenyl       | ND(<20)         | mg/kg | In-House Method LWI-TEC-C002 Based on IEC 62321, Edition 1, 2008 |
| * Tetrabromodiphenyl ether | ND(<20)         | mg/kg | In-House Method LWI-TEC-C002 Based on IEC 62321, Edition 1, 2008 |
| * Tribromobiphenyl         | ND(<20)         | mg/kg | In-House Method LWI-TEC-C002 Based on IEC 62321, Edition 1, 2008 |
| * Tribromodiphenyl ether   | ND(<20)         | mg/kg | In-House Method LWI-TEC-C002 Based on IEC 62321, Edition 1, 2008 |
| * Diisobutyl phthalate     | ND(<10)         | mg/kg | In-House Method LWI-TEC-C006 Based on USEPA 3540 C and 8270 D    |
| * Butyl benzyl phthalate   | ND(<10)         | mg/kg | In-House Method LWI-TEC-C006 Based on USEPA 3540 C and 8270 D    |
| * Dibutyl phthalate        | ND(<10)         | mg/kg | In-House Method LWI-TEC-C006 Based on USEPA 3540 C and 8270 D    |
| * Diethylhexyl phthalate   | ND(<10)         | mg/kg | In-House Method LWI-TEC-C006 Based on USEPA 3540 C and 8270 D    |

Remarks : RoSH test - RoHS Directive 2011/65/EU and (EU) 2015/863 (amendment in Annex II).

mg/kg = ppm

Remarks : Amendment to the Certificate No. PSA23071187101-0: Sample marking modified at the request of customer.

\*\*\*\*End of CoA\*\*\*\*



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