



## Test Report

**Date** : 2023-03-30  
**No.** : HT23030138

**Page 1 of 3**

**Applicant** : Medicare Plus Company Limited  
RME, 3/F., Hang Fung Ind. Bldg., Phase 1  
2G Hok Yuen St., Hung Hom, Kowloon.  
  
Attn.: Ronald Tse

**Description of Samples** : One (1) group of submitted sample said to be  
Plastic parts  
Style no: SR  
End use: Steel Storage Racks, office furniture, Chair  
Country of Origin: China  
Country of Destination: Hong Kong

**Date Samples Received** : 2023-03-22

**Date Tested** : 2023-03-22 to 2023-03-30

**Investigation Requested** : Selected test(s) as detailed herein.



CHENG Chun-yiu, David,  
Authorized Signatory



## Test Report

**Date : 2023-03-30**  
**No. : HT23030138**

**Page 2 of 3**

### TEST RESULT(S):

#### Heavy metal content

Ref. ASTM F963-17, Section 8.3, and analyzed by Inductively Coupled Argon Plasma Atomic Emission Spectrophotometer

	Materials Type (appendix)	Total Pb (mg/kg)	Soluble Heavy Elements(mg/kg)								Extractable Cd (µg/sample)
			As	Ba	Cd	Cr	Hg	Pb	Sb	Se	
Maximum Allowable Limit	I	90	25	1000	75	60	60	90	60	500	-
	II	100 <sup>[a]</sup>	-	-	-	-	-	-	-	-	-
	III	100 <sup>[a]</sup>	25	1000	75	60	60	90	60	500	200 <sup>[b]</sup>
	IV	100	-	-	-	-	-	-	-	-	-
	V	100	25	1000	75	60	60	90	60	500	-
	VI	100	25	250	50	25	25	90	60	500	-
	VII	-	25	1000	75	60	60	-	60	500	-
	VIII	100	25	1000	75	60	60	90	60	500	-
Soluble Analytical Correction (%)			60	30	30	30	50	30	60	60	-

-	Unit	Result
Type	-	VIII
Mass of Trace Amount	g	-
Parameter	-	-
Total Pb	mg/kg	ND
As	mg/kg	ND(S)
Ba	mg/kg	ND(S)
Cd	mg/kg	ND(S)
Cr	mg/kg	ND(S)
Hg	mg/kg	ND(S)
Sb	mg/kg	ND(S)
Pb	mg/kg	ND(S)
Se	mg/kg	ND(S)
Extractable Cd	µg/sample	-
Conclusion	-	Pass

Note(s):

- ND = Not Detected
- Method detection limit: Total screening 5 mg/kg (each); Soluble 5 mg/kg (each)
- mg/kg = milligram(s) per kilogram = ppm = part(s) per million
- g = gram(s)
- µg = microgram
- % = percent
- As = Arsenic, Ba = Barium, Cd =Cadmium, Cr = Chromium, Hg = Mercury, Pb = Lead, Sb = Antimony, Se = Selenium
- T = Total, S = Soluble
- NA = Not Applicable

The Hong Kong Standards and Testing Centre Limited

Head Office: 10 Dai Wang Street, Taipo Industrial Estate, Tai Po, N.T., Hong Kong

Laboratory: Unit B, 10/F, Block 1, Tai Ping Industrial Centre, No. 57 Ting Kok Road, Tai Po, N.T., Hong Kong

Tel: +852 2666 1888 Fax: +852 2664 4353 Email: hkstc@stc.group Website: www.stc.group

This report shall not be reproduced unless with prior written approval from The Hong Kong Standards and Testing Centre Limited.

For Conditions of Issuance of this test report, please refer to "Conditions of Issuance of Test Reports" section or Website.



## Test Report

Date : 2023-03-30  
No. : HT23030138

Page 3 of 3

Remark(s):

- <sup>[a]</sup> According to Children's Products Containing Lead; Exemptions for Certain Electronic Devices; Final Rule 16 CRF 1500.88, exemption were granted to steel alloy containing up to 0.35 % lead by weight, aluminum containing up to 0.4 % lead by weight and copper-based alloy containing up to 4 % lead by weight.
- <sup>[b]</sup> Metal materials that fit within the small parts cylinder and that contain less than 75mg/kg total cadmium do not need to be tested to the special 24 hour soluble cadmium test method to demonstrate compliance to the 200 µg soluble requirement.
- Test Item(s) with total heavy metals content exceeding maximum allowable limit should be considered as Data and further tested by soluble heavy metals analysis of ASTM International Standard ASTM F963-17, Sections 8.3.2 to 8.3.5(excluding 8.3.5.5(3)) as specified in Section 8.3.1.3.
- Test Item(s) with total heavy metals content not exceeding maximum allowable limit should be considered as Pass and no need perform further soluble heavy metals analysis of ASTM International Standard ASTM F963-17, Sections 8.3.2 to 8.3.5 as specified in Section 8.3.1.3.
- For Soluble heavy elements content test, reported result(s) was/ were adjusted by analytical correction as specified in Section 8.3.4.3.
- NA<sup>[c]</sup> For Soluble heavy elements content test, paint or similar surface-coating materials that can't be removed by scraping with a sharp blade will be tested with base materials.
- NA<sup>[d]</sup> For Soluble heavy elements content test, no tested on component(s) less than 10 milligrams by weight on one single sample as specified in Section 8.3.3.6 (2).

### APPENDIX

List of Material Types :			
Type	Material Description	Type	Material Description
I	Paints and similar surface Coatings	V	Glass/ Ceramic –small part
II	Metallic materials – non-small part	VI	Modelling clay
III	Metallic materials – small part	VII	Fabrics and other material exempted by 16CFR 1500.91 (except paper and paperboard)
IV	Glass/ Ceramic – non-small part	VIII	Other materials other than I-VII (except paper and paperboard)

\*\*\*\* End of Test Report \*\*\*\*

## Conditions of Issuance of Test Reports

1. All samples and goods are accepted by The Hong Kong Standards & Testing Centre Limited (the “Company”) solely for testing and reporting in accordance with the following terms and conditions. The Company provides its services on the basis that such terms and conditions constitute express agreement between the Company and any person, firm or company requesting its services (the “Clients”).
2. Any report issued by the Company as a result of this application for testing service (the “Report”) shall be issued in confidence to the Clients and the Report will be strictly treated as such by the Company. It may not be reproduced either in its entirety or in part and it may not be used for advertising or other unauthorized purposes without the written consent of the Company. The Clients to whom the Report is issued may, however, show or send it, or a certified copy thereof prepared by the Company to his customer, supplier or other persons directly concerned. Subject to clause 3, the Company will not, without the consent of the Clients, enter into any discussion or correspondence with any third party concerning the contents of the Report, unless required by the relevant governmental authorities, laws or court orders.
3. The Company shall be at liberty to disclose the testing-related documents and/or files anytime to any third-party accreditation and/or recognition bodies for audit or other related purposes. No liabilities whatsoever shall attach to the Company's act of disclosure.
4. The Company shall not be called or be liable to be called to give evidence or testimony on the Report in a court of law without its prior written consent, unless required by the relevant governmental authorities, laws or court orders.
5. The results in Report apply only to the sample as received and do not apply to the bulk, unless the sampling has been carried out by the Company and is stated as such in the Report.
6. When a statement of conformity to a specification or standard is provided, the ILAC-G8 Guidance document (and/or IEC Guide 115 in the electrotechnical sector) will be adopted as a decision rule for the determination of conformity unless it is inherent in the requested specification or standard, or otherwise specified in the Report.
7. In the event of the improper use the report as determined by the Company, the Company reserves the right to withdraw it, and to adopt any other additional remedies which may be appropriate.
8. Sample submitted for testing are accepted on the understanding that the Report issued cannot form the basis of, or be the instrument for, any legal action against the Company.
9. The Company will not be liable for or accept responsibility for any loss or damage howsoever arising from the use of information contained in any of its Reports or in any communication whatsoever about its said tests or investigations.
10. Clients wishing to use the Report in court proceedings or arbitration shall inform the Company to that effect prior to submitting the sample for testing.
11. Subject to the variable length of retention time for test data and report stored hereinto as to otherwise specifically required by individual accreditation authorities, the Company will only keep the supporting test data and information of this test report for a period of three years. The data and information will be disposed of after the aforementioned retention period has elapsed. Under no circumstances shall we provide any data and information which has been disposed of after the retention period. Under no circumstances shall we be liable for damages of any kind, including (but not limited to) compensatory damages, lost profits, lost data, or any form of special, incidental, indirect, consequential or punitive damages of any kind, whether based on breach of contract of warranty, tort (including negligence), product liability or otherwise, even if we are informed in advance of the possibility of such damages.
12. Issuance records of the Report are available on the internet at [www.stc.group](http://www.stc.group). Further enquiry of validity or verification of the Reports should be addressed to the Company.