

TEST REPORT

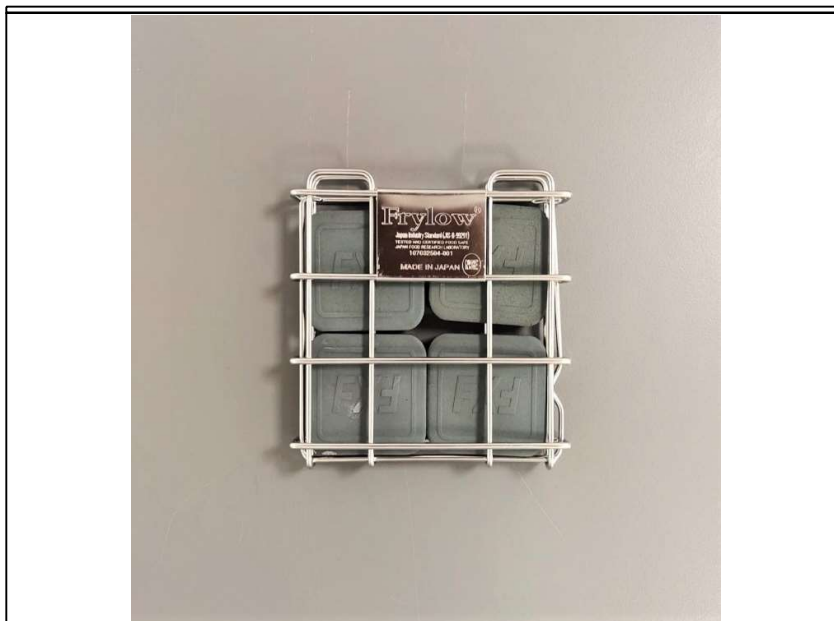
Report No.: 1019875

Bureau Veritas S.A. Dubai Branch
DUNE BUILDING, 2nd Floor, Office 211, 2nd Of
December Street, SATWA, Dubai,
Dubai, 9110, United Arab Emirates

Attn: Mr Joyson Sanyo D'souza

Job/Sample No :	AEDFL2210082-001	Analysis Start Date :	06 Oct 2022
Sampling Date :	06 Oct 2022	Location :	Bureau Veritas S.A. Dubai Branch- Dubai
Sample Source :	As Supplied.	Sampled By :	Client
Container Type :	Original Packaging	Sample Preservation :	Ambient Temperature
Description :	Frylow (FL-15)	Sample Receipt Temperature :	Acceptable Condition

Chemistry Analysis Date Reported: 20/10/2022



1. LEACHABLE LEAD, CADMIUM AND CHROMIUM VI

TEST METHOD: ISO 6486-1 WITH REFERENCE TO GSO 2231, TEST CONDITION: 4% ACETIC ACID, AT 22°C FOR 24HOURS

TESTED COMPONENT	TEST REPLICATE	RESULTS (MG/DM ²)			CONCLUSION
		LEAD	CADMIUM	CHROMIUM VI	
1	1	<0.05	<0.01	<0.001	PASS
REQUIREMENT (MG/ DM²)		≤0.8 MG/DM²	≤0.07 MG/DM²	≤0.005 MG/DM²	-



2. UNDESIRABLE ELEMENTS CONTENT

TEST METHOD: ACID DIGESTION FOLLOWED BY ICPOES WITH REFERENCE TO GSO 2231

1 TEST COMPONENT	TEST METHOD	RESULT (%)	REQUIREMENT (%)	CONCLUSION
		TESTED COMPONENT		
		1		
LEAD (PB)	ACID DIGESTION / ICP- OES	ND	≤0.05	PASS
CADMIUM (CD)		ND	≤0.01	PASS
ARSENIC (AS)		ND	≤0.03	PASS
REMARK: ND – NOT DETECTED; DETECTION LIMIT – 0.001 %:				

3. SPECIFIC RELEASE FOR METAL AND ALLOY COMPONENTS & SPECIFIC RELEASE FOR METAL AS CONTAMINANTS & IMPURITIES

TEST METHOD: EN 13130 (WITH REFERENCE GSO 2231)/ ICP-MS; TEST CONDITION: 70°C FOR 2 HRS; SIMULANT: 3% ACETIC ACID

1 HEAVY METAL	DETECTION LIMIT (PPM)	RESULT (MG/KG)	REQUIREMENT (MAX. MG/KG)
		AFTER 1ST + 2ND ATTACK	
		TEST COMPONENT	
		1	
SILVER (AG)	0.025	ND	≤0.56
ALUMINUM (AL)	0.050	ND	≤35
COBALT (CO)	0.010	ND	≤0.14
CHROMIUM (CR)	0.025	ND	≤1.75
COPPER (CU)	0.100	ND	≤28
IRON (FE)	0.100	ND	≤280
MAGNESIUM (MG)	0.050	ND	--
MANGANESE (MN)	0.050	ND	≤12.6
MOLYBDENUM (MO)	0.050	ND	≤0.84
NICKEL (NI)	0.050	ND	≤0.98
ANTIMONY (SB)	0.100	ND	≤0.28
TIN (SN)	0.050	ND	≤700
TITANIUM (TI)	0.005	ND	--
VANADIUM (V)	0.100	ND	≤0.07
ZINC (ZN)	0.001	ND	≤35
ARSENIC (AS)	0.100	ND	≤0.014
BARIUM (BA)	0.050	ND	≤8.4
BERYLLIUM (BE)	0.001	ND	≤0.07
CADMIUM (CD)	0.001	ND	≤0.035
MERCURY (HG)	0.001	ND	≤0.021
LITHIUM (LI)	0.001	ND	≤0.336
LEAD (PB)	0.010	ND	≤0.07
THALLIUM (TL)	0.0001	ND	≤0.0007
ND – NOT DETECTED			



¹ HEAVY METAL	DETECTION LIMIT (PPM)	RESULT (MG/KG)		REQUIREMENT (MAX. MG/KG)
		AFTER 3RD ATTACK		
		TEST COMPONENT		
		1		
SILVER (AG)	0.025	ND		≤0.08
ALUMINUM (AL)	0.050	ND		≤5
COBALT (CO)	0.010	ND		≤0.02
CHROMIUM (CR)	0.025	ND		≤0.25
COPPER (CU)	0.100	ND		≤4
IRON (FE)	0.100	ND		≤40
MAGNESIUM (MG)	0.050	ND		--
MANGANESE (MN)	0.050	ND		≤1.8
MOLYBDENUM (MO)	0.050	ND		≤0.12
NICKEL (NI)	0.050	ND		≤0.14
ANTIMONY (SB)	0.100	ND		≤0.04
TIN (SN)	0.050	ND		≤100
TITANIUM (TI)	0.005	ND		--
VANADIUM (V)	0.100	ND		≤0.01
ZINC (ZN)	0.001	ND		≤5
ARSENIC (AS)	0.100	ND		≤0.002
BARIIUM (BA)	0.050	ND		≤1.2
BERYLLIUM (BE)	0.001	ND		≤0.01
CADMIUM (CD)	0.001	ND		≤0.005
MERCURY (HG)	0.001	ND		≤0.003
LITHIUM (LI)	0.001	ND		≤0.048
LEAD (PB)	0.010	ND		≤0.01
THALLIUM (TL)	0.0001	ND		≤0.0001
REMARK: ND – NOT DETECTED				

¹ Indicates this is subcontracted test

Analysis Conducted by: Emp. ID#: 66099

Reported by

Nikhil Sasidharan

Chemistry Lab Supervisor

Page 3 Of 3

The Laboratory will not report the statement of conformity unless there is a request from the customer. If the statement of conformity is made without taking the uncertainty into account, the same will be declared in the test report. If the measurement result is governed by legal and regulatory standards, then those rules shall be applied as a decision rule. If the customer prescribes the decision rule to be followed, the same will be followed. If the decision rule is not prescribed, the laboratory chooses appropriate decision rule to declare the statement of conformity. When applying the decision rule, it will be done in such a way to avoid the probability of false accepts or false rejects associated with available decision rules, as per ISO 17025:2017 and ILAC-G8:09/2019. Statements of conformity (e.g., Pass/ Fail) to specifications are made in this report without taking measurement uncertainty into account except when requested by the customer. It is the responsibility of the end user to determine if it is appropriate for your end application. Unless otherwise there is a specific request, lab uses latest version of test methods. Refer to ASTM D3244-07a, IP 367 and Appendix E of IP Standards for utilization of test data to determine conformance with specification. Sample information and thereafter validity of test results relates to the sample as received, results relate only to the sample tested. Precision parameters apply in the determination of above results. The reported expanded uncertainty is based on a standard uncertainty multiplied by a coverage factor k=2, providing a coverage probability of approximately 95%. This document is issued by the Company under its General Terms & Conditions of Service accessible at www.bureauveritas.com/terms_and_conditions. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be executed to the fullest extent of the law. The results shown in this test report refer to the sample(s) tested unless otherwise stated. This Test Report cannot be reproduced, except in full, without prior written permission of the Company.