



NM LABORATORY SDN. BHD. (563645-P)

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LABORATORY TESTINGS AND ANALYSIS CONSULTANCY



MS ISO/IEC 17025
TESTING
SAMM NO. 188

TEST REPORT

Certificate No : SP903-0228

To : PERCEPTIVE PROFILE SDN BHD
PT 19251, Persiaran Batu Gajah,
Perdana 10,
Taman Perindustrian Batu Gajah Perdana,
31550 Pusing, Perak.
Attn : Mr Cheah Choong Yueh (MD)

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Date Of Issue : 17/03/2009

SP903 -
0228

Customer's Sample Description :

PVC COMPOUND
CODE : PPC 50795 BLACK



Date Of Sample Received : 13/03/2009
Date Of Testing : 13/03/2009 To 17/03/2009

Objective of Test

Determination of Cadmium, Lead, Mercury and Hexavalent Chromium in accordance with EU Directive 2002/95/EC (RoHS).

Standard Method /Equipment/Technique Description

Standard Method	Method Description / Title	Flow Chart
USEPA Method 3052	Microwave assisted acid digestion of siliceous and organically based matrices	Appendix A1
USEPA Method 6010B	Inductively Coupled Plasma-Atomic Emission Spectrometry (ICP-AES)	
USEPA Method 3060A	Alkaline digestion for Hexavalent Chromium	Appendix B1
USEPA Method 7196A	Colorimetric (Hexavalent Chromium)	

Analysis Result

Type of Analysis/Parameters/ Properties measured	Analysis Results	Unit	Preconditioning Method / Technique	Measurement Method / Equipment	MDL; mg/kg	RoHS Limit; mg/kg
Cadmium (as Cd)	ND	mg/kg	USEPA Method 3052	USEPA Method 6010B	0.5	100
Lead (as Pb)	ND				1	1000
Mercury (as Hg)	ND				5	1000
Hexavalent Chromium (as Cr ⁶⁺)	ND		USEPA Method 3060A	USEPA Method 7196A	1	1000

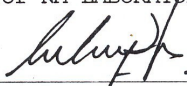
Remark : The test portion was "Totally Dissolved" for Cadmium, Lead & Mercury test by using pre-conditioning method as mentioned above.

Conclusion : The sample analysis results were not exceed the maximum concentration values for Cd, Pb, Hg and Cr⁶⁺ as stipulated in amendment 2005/618/EC of EU Directive 2002/95/EC (RoHS).

for NM LABORATORY SDN BHD

Test Performed by : Khoh Wai Hwa

Approved By :


Lee Lay Hoon, M.Sc., AMIC
Technical Manager
IKM No. A/2403/4343/2002

NOTE: The above analysis results relate only to the sample(s) submitted by customer.
ND means not detected or below stated LOQ (Limit Of Quantitation) / MDL (Method Detection Limits). Symbol "<" denotes less than. Symbol "*" Denotes Non SAMM Accredited Test