

TEST REPORT: 7191151351-CHM16-MA

Date: 23 NOV 2016

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SUBJECT

Evaluation of composite granules

CLIENT

Perceptive Profile Sdn Bhd
PT 19251, Persiaran Batu Gajah Perdana 10,
Tmn Perindustrian Batu Gajah Perdana,
31550 Pusing, Perak, Malaysia

Attn : Mr. Pat Auluck

DESCRIPTION OF SAMPLE

One packet of sample were received on 10 Nov 2016

Sample #	Description	Qty
1	WPC ABWOOD PE-Granules	1



Picture 1: Sample as received

DATE OF ANALYSIS

14 Nov 2016 – 18 Nov 2016



TÜV SÜD PSB

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METHOD OF TEST

1) Elemental Analysis of Mercury (Hg), Lead (Pb), Cadmium (Cd), Arsenic (As), Selenium (Se), Tin (Sn)

The sample was digested by inorganic acid, followed by analysis using Inductively Coupled Plasma Atomic Emission Spectroscopy (ICP-AES).

2) Analysis of Hexavalent Chromium (Cr⁶⁺)

The sample was analysed by UV-Vis spectrometer using 1,5-Diphenylcarbohydrazide as derivatizing agent.

RESULTS

Table 1. The elemental analytical results for "WPC ABWOOD PE-Granules"

Test	Result	Inferred Result
Lead, Pb	121.5 ppm *	Pass
Cadmium, Cd	Not Detected ^a	Pass
Mercury, Hg	Not Detected ^a	Pass
Arsenic, As	Not Detected ^a	Pass
Selenium, Se	Not Detected ^a	Pass
Tin, Sn	Not Detected ^a	Pass
Hexavalent Chromium, Cr ⁶⁺	Not Detected ^a	Pass

^a The method detection limit was 50 ppm.

* Lead ROHS limit is 1000 ppm

MS MARIANA AHMAD
CHEMIST

DR XIAO ZHOU
PRODUCT MANAGER
MICROCONTAMINATION DIAGNOSIS
CHEMICAL & MATERIALS

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PSB Singapore

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July 2011

