

TEST REPORT: 71911021414-CHM14-KPF

Date: 26 NOV 2014

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SUBJECT

Elemental analysis of Fireterminator Burn residue sample

CLIENT

FIRE TERMINATOR INTERNATIONAL PRIVATE LIMITED

3015 Ubi Road 1

#04-266

Singapore 408704

Attn: Mr Judah Jay

SAMPLE SUBMISSION / TEST DATE

24 OCT 2014 / 21 NOV 2013

DESCRIPTION OF SAMPLE

One sachet described as " Fireterminator Burn residue sample" was tested.



TEST METHOD

- 1) Micro-wave digestion
- 2) Elements by Inductively Coupled Plasma – Mass Spectrometry.



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RESULTS

| Sample Marked / Specific compounds prohibited include Toxic Heavy Metals such as: | "Fireterminator Burn residue sample" | SINGAPORE GREEN LABELLING SCHEME CERTIFICATION GUIDE [Category: Fire Extinguishers] Toxic Heavy Metals Maximum Allowable Limits (mg/L) |
|--|---|---|
| Cadmium, Cd | < 0.001 | ≤ 0.003 |
| Copper, Cu | 1.2 | ≤ 2.0 |
| Lead, Pb | 0.04* | ≤ 0.01 |
| Mercury, Hg | < 0.002 | ≤ 0.006 |
| Zinc, Zn | 0.3 | ≤ 3.0 |

Remark: Lowest detection limit for Cd = 0.001mg/L, Cu & Zn = 0.1mg/L, Pb = 0.01mg/L
and Hg = 0.002mg/L

MS KOH PEI FEN
TECHICAL EXECUTIVE
ELEMENTAL ANALYSIS
CHEMICAL & MATERIALS

DR CHEN HUAYI
ASSISTANT VICE PRESIDENT
ELEMENTAL / ENVIRONMENTAL ANALYSIS
CHEMICAL & MATERIALS

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July 2011

