

Test Report No. 3951287

Date : 20-Jul-2018

Page 1 of 4

**Client : Panasonic Manufacturing Ayuthaya Co.,Ltd.  
1/69 Moo 5, Rojana Road,  
Tambol Kanham, Amphur Uthai, Phra Nakhon Si Ayutthaya 13210 Thailand**

The following sample(s) was/were submitted and identified by/on behalf of the client as:

Sample Name : Compounded Plastic (Epoxy Encapsulation Material)  
Sample No. : 4076527  
Sample Condition : Sample is contained in a plastic bag.  
Quantity Submitted : 1 bag  
Part No. : CV84XX  
Batch/Lot No. : 863032  
Country of Origin : Thailand  
Buyer's Name : Panasonic group  
Sample Receiving Date : 16-Jul-2018  
Testing Period : 16-Jul-2018 to 20-Jul-2018

Test Method & Results : Please refer to next page(s).

**Signed for and on behalf of  
SGS (Thailand) Limited**



**Patcharee Treeporncharoen  
Laboratory manager - Chemical**

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**TEST RESULTS**

Analysis	Method	Instrument	Unit	MDL	Result (1)
Halogen	-	-	-	-	-
Halogen-Fluorine (F) (CAS No.14762-94-8)	With reference to BS EN 14582 : 2007	Analyzed was performed by Ion Chromatography	mg/kg	50	n.d.
Halogen -Chlorine (Cl) (CAS No.22537-15-1)	With reference to BS EN 14582 : 2007	Analyzed was performed by Ion Chromatography	mg/kg	50	n.d.
Halogen -Bromine (Br) (CAS No.10097-32-2)	With reference to BS EN 14582 : 2007	Analyzed was performed by Ion Chromatography	mg/kg	50	n.d.
Halogen-Iodine (I) (CAS No.14362-44-8)	With reference to BS EN 14582 : 2007	Analyzed was performed by Ion Chromatography	mg/kg	50	n.d.

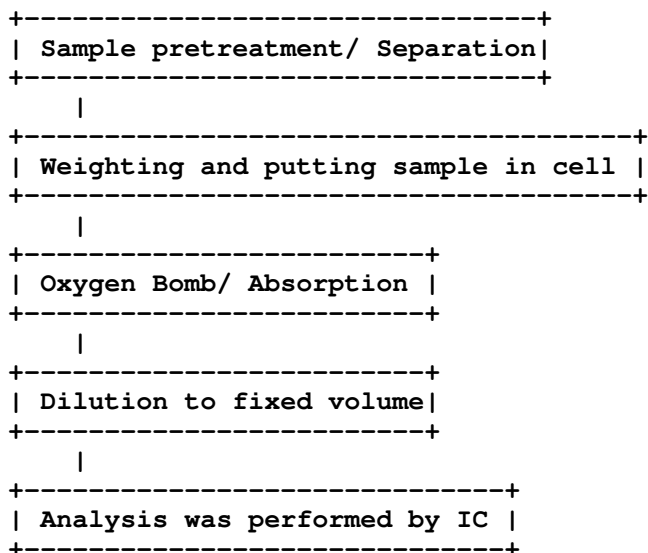
**Note :**

- (a) mg/kg = ppm
- (b) n.d. = not detected
- (c) MDL = Method detection limit
- (d) Test done on client submitted sample
- (e) Result (1) black compound

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Analytical flow chart of halogen content



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SAMPLE/ATTACHMENT PICTURE



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

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