

TEST REPORT: 7191052019-CHM13/01-CSY

Date: 5 FEB 2013

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Client's Ref:

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SUBJECT

Determination of volatile organic compound (VOC) for Paint Sample

CLIENT

Asian Paints Nepal Pvt Ltd
P.O. Box 37
Hetauda Industrial District
123456 Hetauda
Nepal

Attn : Mr Sunil Shekhawat

DESCRIPTION OF SAMPLE

Three liquid paint samples labeled as follows were received on 23 Jan 2013.

Product Name	Lot No.	Quantity
Ultima HQ2	31562	1 X 1 litre
Exterior Wall Primer	31599	1 X 1 litre
DCP WT Luxury Primer	32049	1 X 1 litre

DATE OF TEST

25 Jan 2013 – 5 Feb 2013



Laboratory:
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METHOD OF TEST

The sample was tested in the “as-received” condition.

Test	Method
1) Volatile organic compound content	By BS EN ISO 11890-2:2006, Paints and varnishes – <i>Determination of content volatile organic compound (VOC) content – Part 2 : Gas-chromatographic method.</i>

RESULTS

Table 1 : The Volatile Organic Compound (VOC) content for “Asian Paints Ultima HQ2”.

Test	Result	Method Detection Limit	Criteria of GS-11	
			Product Type	Non-Flat Topcoat
VOC Content ^a	18.3 g/L ^b	2 g/L	100 g/L	

- a) Volatile organic compound (VOC) means any organic compound having an initial boiling point less than or equal to 280°C measured at a standard pressure of 101,3kPa.
b) The result was calculated based on the specific gravity = 1.203 provided by the client

Table 2 : The Volatile Organic Compound (VOC) content for “Asian Paints Exterior Wall Primer”.

Test	Result	Method Detection Limit	Criteria of GS-11	
			Product Type	Flat Topcoat
VOC Content ^c	10.2 g/L ^d	2 g/L	50 g/L	

- c) Volatile organic compound (VOC) means any organic compound having an initial boiling point less than or equal to 280°C measured at a standard pressure of 101,3kPa.
d) The result was calculated based on the specific gravity = 1.485 provided by the client

Table 3 : The Volatile Organic Compound (VOC) content for “Asian Paints DCP WT Luxury Primer”.

Test	Result	Method Detection Limit	Criteria of GS-11	
			Product Type	Flat Topcoat
VOC Content ^e	32.3 g/L ^f	2 g/L	50 g/L	

- e) Volatile organic compound (VOC) means any organic compound having an initial boiling point less than or equal to 280°C measured at a standard pressure of 101,3kPa.
f) The result was calculated based on the specific gravity = 1.39 provided by the client

MS CHOO SEOW YAH
TECHNICAL EXECUTIVE

for **DR LI SIHAI**
AVP / SENIOR CHEMIST
MICROCONTAMINATION DIAGNOSIS
CHEMICAL & MATERIALS

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July 2011

