Date: 24 JUL 2009 Tel: +65 68851335 Fax: +65 67784301

Client's Ref: - Email: Sihai.LI@tuv-sud-psb.sg

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#### **SUBJECT**

Analysis of Dessicant

## **CLIENT**

Superdry International Pte Ltd 48 Hillview Terrace #07-02 Hillview Building Singapore 669269

Attn: Mr Daniel Tan

#### SAMPLE SUBMISSION DATE

08 Jun 2009

#### **DESCRIPTION OF SAMPLE**

Two bags of dessicant were received.

# **METHOD OF TEST**

The samples were subjected to environmental conditions of 95% RH at 29°C for 30 days. One of the samples was pasted on a container wall for observation only whilst the other one placed on a tray was weighed daily (working days only) to monitor water absorption.



Laboratory: TÜV SÜD PSB Pte. Ltd. Testing Services No.1 Science Park Drive Singapore 118221 Phone: +65-6885 1333 Fax: +65-6776 8670 E-mail: testing@tuv-sud-psb.sg www.tuv-sud-psb.sg Co. Reg: 199002667R Regional Head Office: TÜV SÜD Asia Pacific Pte. Ltd. 3 Science Park Drive, #04-01/05 The Franklin, Singapore 118223

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# **RESULTS**

Sample Reference	Container – Dri II	
Date (DD/MM/YY)	Weight (g)	% Gain
16/06/09 Initial	262.92	-
17/06/09 Day 01	334.24	27.13
18/06/09 Day 02	410.34	56.07
19/06/09 Day 03	482.73	83.60
22/06/09 Day 06	655.25	149.22
23/06/09 Day 07	706.66	168.77
24/06/09 Day 08	727.20	176.59
25/06/09 Day 09	764.80	190.89
26/06/09 Day 10	802.82	205.35
29/06/09 Day 13	886.12	237.03
30/06/09 Day 14	911.72	246.77
01/07/09 Day 15	935.52	255.82
02/07/09 Day 16	958.66	264.62
03/07/09 Day 17	982.28	273.60
06/07/09 Day 20	1040.44	295.72
07/07/09 Day 21	1054.54	301.09
08/07/09 Day 22	1076.60	309.48
09/07/09 Day 23	1091.29	315.07
10/07/09 Day 24	1105.43	320.44

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## RESULTS (cont'd)

Sample Reference	Container – Dri II	
Date (DD/MM/YY)	Weight (g)	% Gain
13/07/09 Day 27	1146.55	336.08
14/07/09 Day 28	1168.96	344.61
15/07/09 Day 29	1169.89	344.96
16/07/09 Day 30	1175.60	347.13

## **REMARKS**

- 1. Minor leakages evident from water droplets were observed from Day 22 onwards for the sample pasted on the container wall.
- 2. The initial weight for the sample pasted on container wall was 269.80 g. The sample was kept at ambient conditions after testing. On 29 Jul 2009, the sample was weighed as requested by the client and found to be 1023.52 g.

3. It was noted that the surface of the sample placed on the tray was damp from Day 15 onwards.

MS SIA SEOW BEE

TECHNICAL EXECUTIVE

**DR LI SIHAI** 

AVP / SENIOR CHEMIST

linh

**COATINGS & INDUSTRIAL CHEMICALS** 

**CHEMICAL & MATERIALS** 

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# Photograph

## I. Before Test

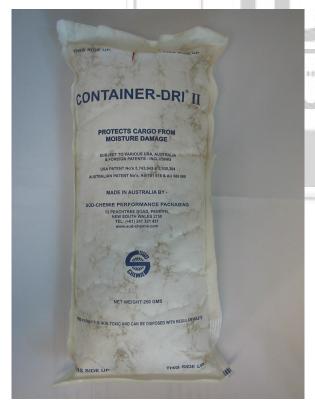


Sample on tray for daily weighing



Sample pasted on container wall for daily observation

## II. After Test



Sample after daily weighing



Sample pasted on container wall for daily observation

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March 2009