



No. 0308/ 81

To WONDERFUL PLASTIC LTD., PART.

The Department of Science Service presents the test report for the sample named "HDPE PLASTIC BAG" Laboratory No. L55/09002.1 as the total of 1 sample with reference to the request No. L55/09002 dated 6 November 2012.

Enclosed herewith the following result avails for your acknowledgement.

Department of Science Service



Biological Science Program

Tel. 0 2201 7183

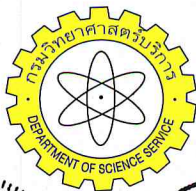
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Certified True Translation

(Ms.Chutima Sucharitakul)

Chief.Registration Sub-Division




Accreditation No. 1100/50

TEST REPORT

Sample's name	Mark / Brand	Laboratory No.
HDPE PLASTIC BAG	—	L55/09002.1

Test Result

		<u>Limit of detection</u>
Type of plastic which contact food	polyethylene	
Material test :		
Lead, mg/kg	not detected	0.90
Cadmium, mg/kg	not detected	0.25
Migration test at temperature 60°C :		
* Potassium permanganate used for reaction, mg/dm ³	not detected	0.1
Residues volatile in :		
* water, mg/dm ³	7.5	1.5
* 4% acetic acid, mg/dm ³	5.0	1.5
* 20% ethanol, mg/dm ³	not detected	1.5
* n-heptane (25°C), mg/dm ³	less than 0.5	1.5
Heavy metals in 4% acetic acid extract (calculated as lead), mg/dm ³	less than 1.0	
Migration of color extracted by :		
4% acetic acid	not detected	
20% ethanol	not detected	
n-heptane	not detected	
Pathogenic bacteria per bag		
<i>Clostridium perfringens</i>	negative	
<i>Salmonella</i>	negative	
<i>Staphylococcus aureus</i>	negative	
<i>Bacillus cereus</i>	negative	

Certified True Translation

 (Ms. Chutima Sucharitakul)
 Chief, Registration Sub-Division

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Laboratory No. L55/09002.1

Customer's name WONDERFUL PLASTIC LTD., PART.
Customer's address No. 259 Moo 12 Tambon Khlongdan, Amphoe Bangbor, Samutprakarn 10550
Sample's description transparent plastic bag
Test date 13 November 2012
Test method Compendium of Methods for Food Analysis, DMSc & ACFS, 1st ed., 2003,
Chapter 4
In-house methods based on FDA BAM Online, 2001, Chapter 12, 14 and 16
In-house method based on ISO 6579 : 2002

Note

The test items with * are accredited by Bureau of Laboratory Quality Standards, Department of Medical Sciences in accordance with ISO/IEC 17025 : 2005.

Approved by

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Reported by

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Certified True Translation



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