



No. 0308/ 80

To WONDERFUL PLASTIC LTD., PART.

The Department of Science Service presents the test report for the sample named "LDPE PLASTIC BAG" Laboratory No. L55/08999.1 as the total of 1 sample with reference to the request No. L55/08999 dated 6 November 2012.

Enclosed herewith the following result avails for your acknowledgement.



Biological Science Program

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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.

LDPE PLASTIC BAG

—

L55/08999.1

Test Result

Limit of detection

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/dm³

not detected

0.1

Residues volatile in :

* water, mg/dm³

6.5

1.5

* 4% acetic acid, mg/dm³

not detected

1.5

* 20% ethanol, mg/dm³

not detected

1.5

* n-heptane (25°C), mg/dm³

not detected

1.5

Heavy metals in 4% acetic acid extract

(calculated as lead), mg/dm³

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

Clostridium perfringens

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negative

Salmonella

negative

Staphylococcus aureus

(Ms.Chutima Sucharitakul)

negative

Bacillus cereus

Chief.Registration Sub-Division

negative

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Department of Science Service, Ministry of Science and Technology

Rama VI Road, Ratchathewi, Bangkok 10400, Thailand

Laboratory No. L55/08999.1

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.

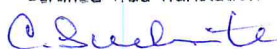
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