

**Client : Perfect Part Provider Co., Ltd.
32 J.B. Building 11 th Floor, Vibhavadee-Rangsit Road, Chomphon,
Chatuchak, Bangkok 10900 Thailand**

The following sample(s) was/were submitted and identified by client:

Sample Description : Maxp-Germ Killer
Sample No. : 1741165
Sample Condition : Sample is contained in plastic gallon.
Quantity Submitted : 1 gallon/500 ml
Date Received : 4-Sep-2009 Date Commenced : 4-Sep-2009
Test Results : Please see the attached sheet.

Signed for and on behalf of
SGS (Thailand) Limited



**Bungon Kongthong
LSS Lab Manager**

TEST RESULTS

Test Required : Bactericidal activity - E.coli ATCC 8739
 Test Method : Based on BS EN 1040 : 2005

Title : Maxp-Germ Killer efficacy suspension test

Introduction : This method is used for assessment antibacterial efficacy in Maxp-Germ Killer at 3 minutes contact time.

Sample concentration: un-diluted

Summary result

Tested microorganisms	E. coli (ATCC 8739)	E.coli (ATCC 8739)
Contact time	Number of microorganisms (CFU/ml)	% Reduction
Initial inoculums in the test mixture	45,000,000	-
Viable cells after 3 minutes contact time	<10	> 99.99

Calculation of microbial effect (% Reduction)

$$\% \text{ Reduction} = (A-B)/A * 100$$

Where

A = The number of initials inoculums in the test mixture suspension (CFU/ml)

B = The number of viable cell after the test procedure for bactericidal activity of the product (contact time)(CFU/ml)

Conclusion :

The Maxp-Germ Killer can kill E.coli ATCC 6538 more than 99.99 % within 3 minutes.

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

**Client : Perfect Part Provider Co., Ltd.
32 J.B. Building 11 th Floor, Vibhavadee-Rangsit Road, Chomphon,
Chatuchak, Bangkok 10900 Thailand**

The following sample(s) was/were submitted and identified by client:

Sample Description : Maxp-Germ Killer
Sample No. : 1759971
Sample Condition : Sample is contained in plastic gallon.
Quantity Submitted : 1 gallon/500 ml
Date Received : 4-Sep-2009 Date Commenced : 4-Sep-2009
Test Results : Please see the attached sheet.

Signed for and on behalf of
SGS (Thailand) Limited

**Bungon Kongthong
LSS Lab Manager**

TEST RESULTS

Test Required : Bactericidal activity - P.aeruginosa ATCC 9027
 Test Method : Based on BS EN 1040 : 2005

Title : Maxp-Germ Killer efficacy suspension test

Introduction : This method is used for assessment antibacterial efficacy in Maxp-Germ Killer at 3 minutes contact time

Sample concentration: un-diluted

Summary result

Tested microorganisms	P. aeruginosa (ATCC 9027)	P. aeruginosa (ATCC 9027)
Contact time	Number of microorganisms (CFU/ml)	% Reduction
Initial inoculums in the test mixture	37,000,000	-
Viable cells after 3 minutes contact time	< 10	> 99.99

Calculation of microbial effect (% Reduction)

$$\% \text{ Reduction} = (A-B)/A * 100$$

Where

A = The number of initials inoculums in the test mixture suspension (CFU/ml)

B = The number of viable cell after the test procedure for bactericidal activity of the product (contact time)(CFU/ml)

Conclusion :

The Maxp-Germ Killer can kill P.aeruginosa ATCC 9027 99.99 % within 3 minutes.

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

Test Report No. 3943738

Date : 13-Jul-2018

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**Client : PERFECT PART PROVIDER CO.,LTD.
170/34 Moo 5 Bangkadi, Mueang Pathum Thani, Pathumthani 12000 Thailand**

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

Sample Name : MAXP GERM KILLER
 Sample No. : 4068383
 Sample Condition : Sample is contained in a plastic bottle.
 Quantity Submitted : 1 bottle
 Manufacturer/Vendor : SMART CARE SCIENTIFIC SDN.BHD.
 Country of Origin : MALAYSIA
 Country of Destination : THAILAND
 Sample Receiving Date : 9-Jul-2018
 Testing Period : 09-Jul-2018 to 12-Jul-2018

Test Requested : In accordance with the RoHS Directive 2011/65/EU (Annex II) [amended by Directive (EU) 2015/863] .Selected test (s) as requested by client.

Test Method : (1) IEC 62321-5 edition 1.0 : 2013 for Lead content, Analyzed by ICP-OES.
 Microwave digestion method
 (2) IEC 62321-5 edition 1.0 : 2013 for Cadmium content, Analyzed by ICP-OES.
 Microwave digestion method
 (3) IEC 62321-4 ,edition 1.1 : 2017 for Mercury content,Analyzed by ICP-OES.
 Microwave digestion method
 (4) IEC 62321-7-2 edition 1.0 : 2017,determination of Hexavalent Chromium For Insoluble polymer by Colorimetric Method using UV-Vis and/or with reference to IEC 62321-5:2013,determination of Chromium by ICP-OES.

Test Results : Please refer to next page.

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



**Patcharee Treeporncharoen
Laboratory manager - Chemical**

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TEST RESULTS

Test results by chemical method (Unit: mg/kg)

Test Item (s):	Method (Refer to)	Result (1)	MDL	RoHS Limit
Lead (Pb)	(1)	n.d.	2	1000
Cadmium (Cd)	(2)	n.d.	2	100
Mercury (Hg)	(3)	n.d.	2	1000
Hexavalent Chromium (Cr(VI))	(4)	n.d.	8	1000

Test Part Description
Result (1) clear liquid

Note :

- (a) mg/kg = ppm ; 0.1wt% = 1000 ppm
- (b) n.d. = Not Detected (<MDL)
- (c) MDL = Method Detection Limit
- (d) Test done on client submitted sample
- (e) The result of Hexavalent Chromium (Cr(VI)) is "ND" as the result of Chromium (Cr) is "ND", and confirmation test of Hexavalent Chromium (Cr(VI)) is not required.
- (f) If the Chromium (Cr) content is greater than the MDL of Hexavalent Chromium (Cr(VI)), confirmation test of Hexavalent Chromium (Cr(VI)) is required.

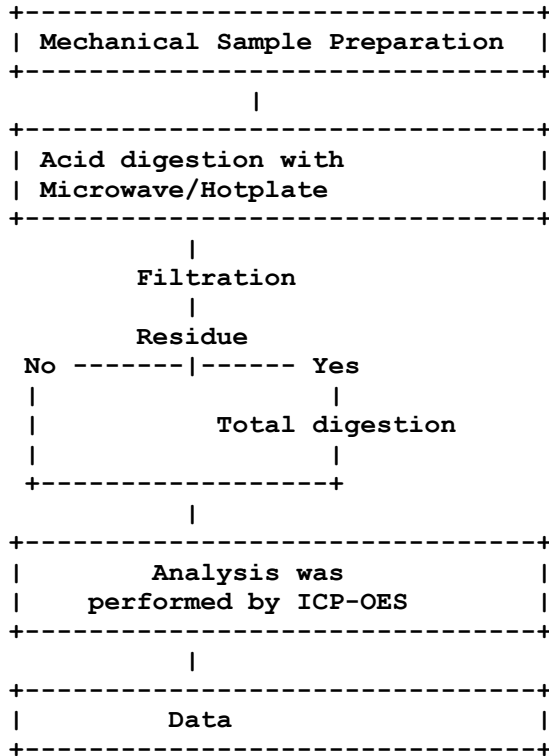
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Flow chart of Pb,Cd,Hg Testing

(Test method : IEC 62321)



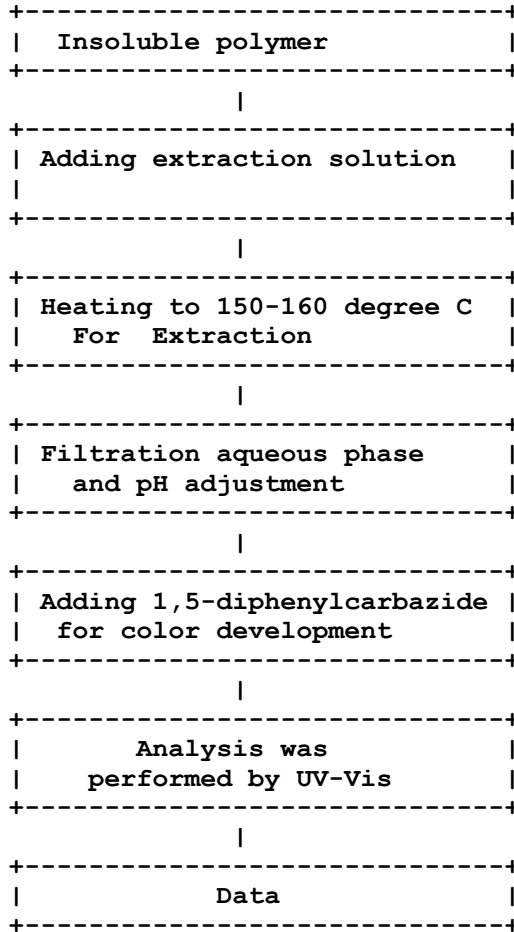
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Flow chart of Hexavalent Chromium Testing

(Test method : IEC 62321)



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SAMPLE/ATTACHMENT PICTURE



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

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Client : Perfect Part Provider Co., Ltd.
32 J.B. Building 11 th Floor, Vibhavadee-Rangsit Road, Chomphon,
Chatuchak, Bangkok 10900 Thailand

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

Sample Description : Maxp-Germ Killer
Sample No. : 1733888
Sample Condition : As per attached photograph
Sample Receiving Date : 21-Aug-2009
Testing Period : 21-Aug-2009 to 26-Aug-2009
Test Requested : In accordance with the ELV Directive 2000/53/EC and its amendment directives
Test Method : (1) With reference to EPA Method 3052 for Lead Content Analysis was performed by ICP-OES.
(2) With reference to EPA Method 3052 for Cadmium Content Analysis was performed by ICP-OES.
(3) With reference to EPA Method 3052 for Mercury Content. Analysis was performed by ICP-OES.
(4) With reference to EPA Method 3060A & 7196A for Hexavalent Chromium. Analysis was performed by UV/Vis Spectrometry.
Test Results : Please refer to next page.

Signed for and on behalf of
SGS (Thailand) Limited



Pornpana Lirathpong
Hardlines Testing Manager

TEST RESULTS

Test results by chemical method (Unit: mg/kg)

Test Item (s):	Method (Refer to)	Result (1)	MDL	ELV Limit
Lead (Pb)	(1)	n.d.	2	1000
Cadmium (Cd)	(2)	n.d.	2	100
Mercury (Hg)	(3)	n.d.	2	1000
Hexavalent Chromium (CrVI)	(4)	n.d.	2	1000

Test Part Description
Result (1) liquid

Note :

(1) mg/kg = ppm

(2) n.d. = Not Detected

(3) MDL = Method Detection Limit

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