

Test Report No. 5100803

Date : 18-Nov-2021

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Client : T.N.H. Import and Export Co.,Ltd
44 Soi ThianThale 20 Yak 7 Bangkhunthain-Chaithale Rd.
Samaedam Bangkhunthian Bangkok 10150 Thailand

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

Sample Name : Ezy Dishwashing T Pure
Sample Description : Clear, Colorless
Batch/Lot No. : B.6411-08-03
Material Type : Liquid
Manufacturer/Vendor : Smartlab Co., Ltd.
Country of Origin : Thailand

The following sample(s) was/were identified by SGS as:

SGS Sample No. : 5311801
Sample Condition : Sample is contained in a glass bottle.
Quantity Submitted : 1 bottle

Sample Receiving Date : 12-Nov-2021
Testing Period : 15-Nov-2021 to 18-Nov-2021

Test Requested : In accordance with the ELV Directive 2000/53/EC and its amendment directives.
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.

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CONCLUSION

Base on the performed tests on submitted sample(s),the test results of Cadmium (Cd),Lead (Pb),Mercury (Hg),Hexavalent chromium (Cr-VI) comply with the limits as set by the Article 4 (2) of ELV Directive 2000/53/EC where the decision rules based on simple acceptance which the probability of false accept may be as high as 50% in case the results is exactly on the tolerance limit.

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



**Anchalee Wunnaphuek
Acting – RSTS Lab Manager**

Sample Receiving Date : 12-Nov-2021

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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 (Cr(VI))	(4)	n.d.	8	1000

 Test Part Description
 Result (1) clear fluid

Note :

(a) mg/kg = ppm ; 0.1wt% = 1000 ppm

(b) n.d. = Not Detected (<MDL)

(c) MDL = Method Detection Limit

(d) 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.

(e) If the Chromium (Cr) content is greater than the MDL of Hexavalent Chromium (Cr(VI)), confirmation test of Hexavalent Chromium (Cr(VI)) is required.

(f) Test done on client submitted sample

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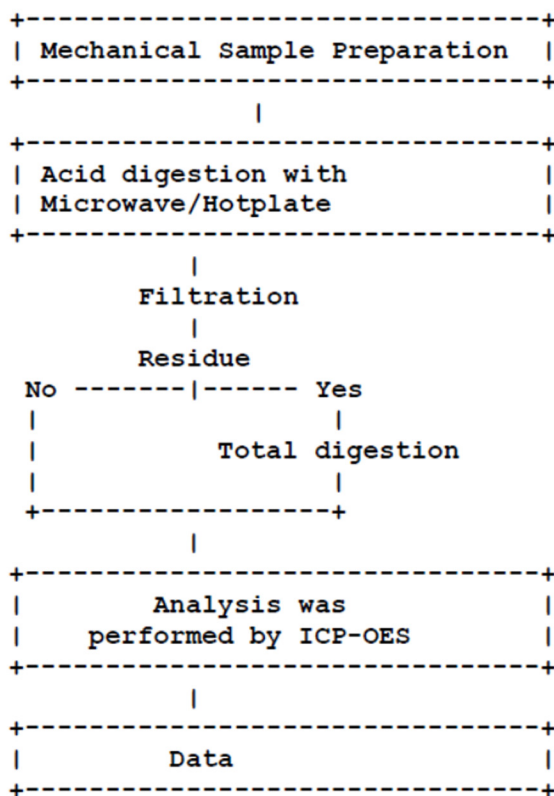
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Flow chart of Pb,Cd,Hg Testing

(Test method : IEC 62321)



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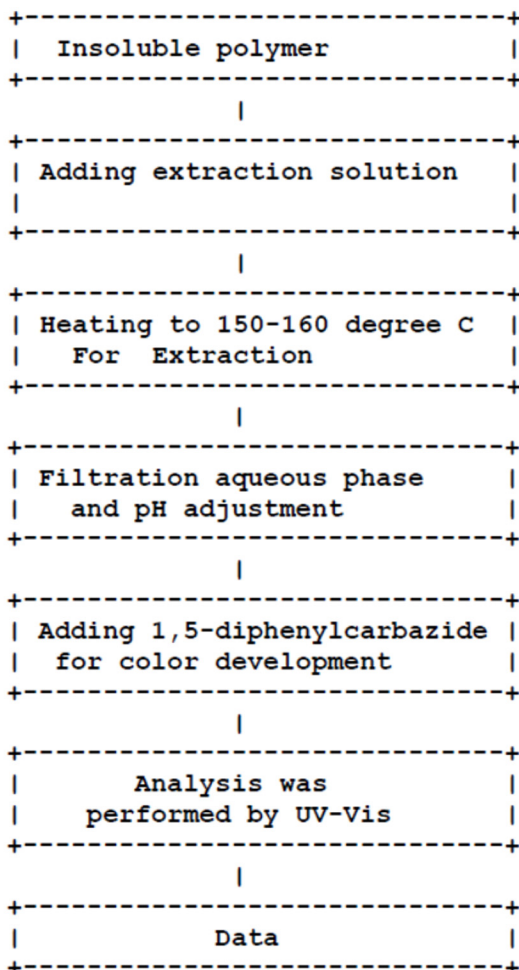
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Flow chart of Hexavalent Chromium Testing

(Test method : IEC 62321)



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