

Test Report



Report No. A225053205810100602

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Company Name NINGBO XINQIAO CHEMICALIND CO.,LTD
shown on Report

Address NO98 JINJIRD,BEILUNDISTRICE NINGBO CITY,ZHEJIANG PROVINCE

The following sample(s) and sample information was/were submitted and identified by/on the behalf of the applicant

Sample Name expandable polystyrene
Model No. E/B/H/F/FM/FG grade
Sample Received Date Jul. 24, 2025
Testing Period Jul. 24, 2025 to Jul. 29, 2025

Test Requested As specified by client, to test Dimethyl fumarate (DMF), Organotin compounds in the submitted sample(s).

Test Method Please refer to the following page(s).

Test Result(s) Please refer to the following page(s).



Approved by

Date

Jul. 29, 2025

Hill Zheng

Technical Manager

No. M827991890

Centre Testing International Group Co.,Ltd.

CTI Building, Xing Dong Community, Xin'an Sub-district, Bao'an District, Shenzhen City, Guangdong Province, P.R. China

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Test Method

Test Item(s)	Test Method	Measured Equipment(s)
Dimethyl fumarate (DMF)	Refer to US EPA 3550C:2007 & US EPA 8270E:2018	GC-MS
Organotin compounds*	Refer to ISO 17353:2004(E)	GC-MS



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Test Result(s)

Tested Item(s)	Result	MDL
	006	
Dimethyl fumarate (DMF)	N.D.	0.1 mg/kg
Tested Item(s)	Result	MDL
	006	
Organotin compounds*		
MonoMethyltin (MeT)	N.D.	0.05 mg/kg
Dimethyltin (DMT)	N.D.	0.05 mg/kg
Tripropyltin (TPrT)	N.D.	0.05 mg/kg
Monobutyltin (MBT)	N.D.	0.05 mg/kg
Dibutyltin (DBT)	N.D.	0.05 mg/kg
Tributyltin (TBT)	N.D.	0.05 mg/kg
Tributyltin oxide (TBTO) [#]	N.D.	0.05 mg/kg
Tetrabutyltin (TeBT)	N.D.	0.05 mg/kg
Monooctyltin (MOT)	N.D.	0.05 mg/kg
Dioctyltin (DOT)	N.D.	0.05 mg/kg
Diphenyltin (DPhT)	N.D.	0.05 mg/kg
Trioctyltin (TOT)	N.D.	0.05 mg/kg
Dipropyltin (DPrT)	N.D.	0.05 mg/kg
Tetraoctyltin (TeOT)	N.D.	0.05 mg/kg
Triphenyltin (TPhT)	N.D.	0.05 mg/kg
Tricyclohexyltin (TCyT)	N.D.	0.05 mg/kg
2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithi a-4-stannatetradecanoate (DOTE) (DOTE)	N.D.	0.05 mg/kg
Reaction mass of 2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithi a-4-stannatetradecanoate and 2-ethylhexyl 10-ethyl-4-((2-((2-ethylhexyl)oxy)-2-oxoet hyl)thio)-4-octyl-7-oxo-8-oxa-3,5-dithia-4- stannatetradecanoate (reaction mass of DOTE and MOTE) (MOTE)	N.D.	0.05 mg/kg
Trimethyltin (TMT)	N.D.	0.05 mg/kg
Monophenyltin (MPhT)	N.D.	0.05 mg/kg
Tetraethyltin (TeET)	N.D.	0.05 mg/kg

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Sample/Part Description

No.	CTI Sample ID	Description
1	006	Transparent plastic grains

Remark: -According to the client's statement, the reasons for the multiple information in the "sample information" of this report may include (but are not limited to): supplying to different buyers, being sold to different countries or regions, former names, or mixtures of several substances.
-#Concentration value of Bis(tributyltin)oxide (TBTO) by the conversion from the test result of Tributyltin(TBT).

-MDL = Method Detection Limit

-N.D. = Not Detected (<MDL)

-mg/kg = ppm = parts per million

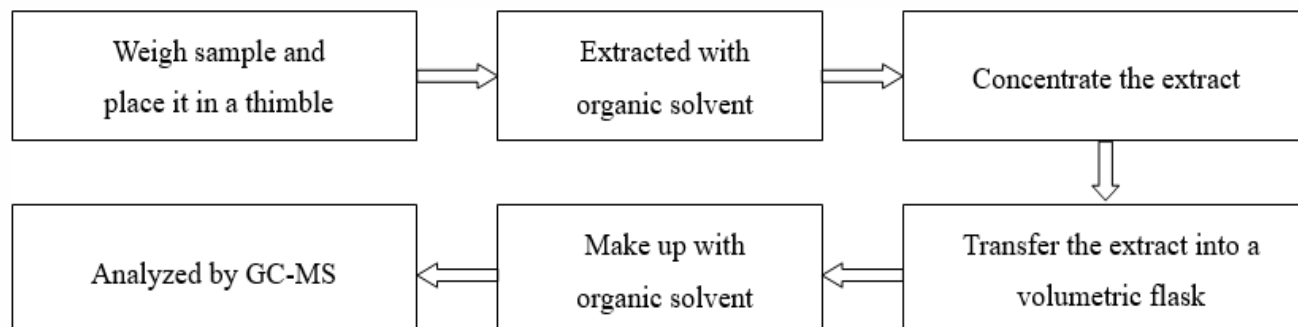
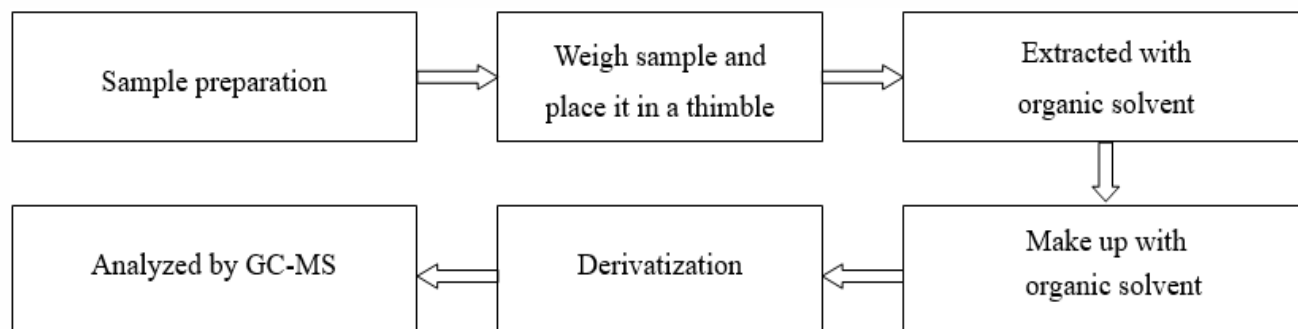
- According to the client's statement, the Company Name shown on Report in this report and the Company Name shown on Report in the report A2250532058101006 are the Group-Branch relations, the test result(s) of this report is/are presented in reference to the result(s) that reported in A2250532058101006.

Note: “*”indicates the item(s)/method(s) is (are) not in CNAS accreditation scope.

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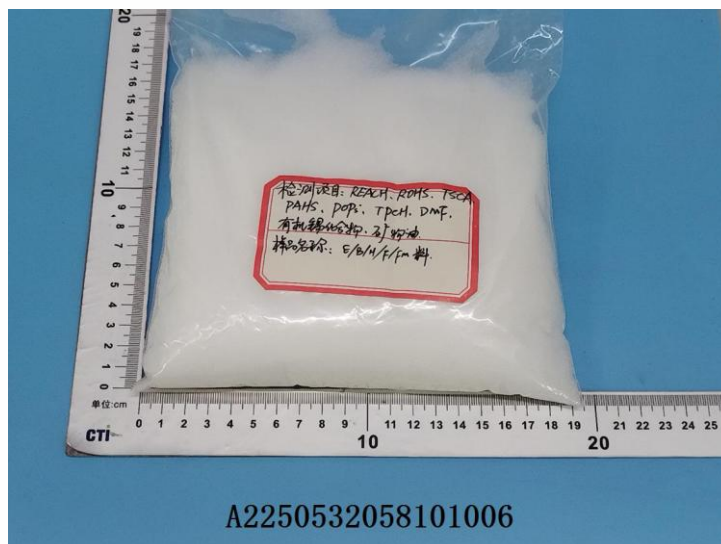
Test Process**1. Dimethyl fumarate (DMF)****2. Organotin compounds**

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Photo(s) of the sample(s)



Statement:

1. This report is considered invalid without approved signature, special seal and the seal on the perforation;
2. The Company Name shown on Report and Address, the sample(s) and sample information was/were provided by the applicant who should be responsible for the authenticity which CTI hasn't verified;
3. The result(s) shown in this report refer(s) only to the sample(s) tested;
4. Unless otherwise stated, the decision rule for conformity reporting is based on Binary Statement for Simple Acceptance Rule (w=0) stated in ILAC-G8:09/2019 / CNAS-GL015:2022;
5. Without written approval of CTI, this report can't be reproduced except in full;
6. In case of any discrepancy between the English version and Chinese version of the reports (if generated), the Chinese version shall prevail.

*** End of report ***