Preliminary Report

Client Name: WANHUA CHEMICAL GROUP CO., LTD

Client Address: NO. 59 CHONGQING RD, YEDA YANTAI, SHANDONG CHINA

Sample Name: WANSUPER®POE C8s

Client Ref. Information: 5007、5017、5057、5018、5136、9057、9147

The above sample(s) and information were provided by the client.

SGS Job No.: QDP24-004068

Sample Receiving Date: Aug 27, 2024

Testing Period: Aug 27, 2024 ~ Sep 02, 2024

Test Requested: Select test(s) as requested by the client.

Test Method(s): Please refer to next page(s).

Test Result(s): Please refer to next page(s).

Test Requirement	Conclusion
Organic-Tin compounds	See Results

Test Result(s):

Test Part Description：

SN ID	Sample No.	SGS Sample ID	Description
SN1	A1	TAO24-0064455-0001.C001	colorless transparent solid grains

Remarks:

(1) 1 mg/kg = 1 ppm = 0.0001%
(2) MDL = Method Detection Limit
(3) ND = Not Detected (< MDL)
(4) "-" = Not Regulated

Organic-Tin compounds

Test Method: With reference to ISO 17353:2004, analysis was performed by GC-MS.

Test Item(s)	Unit(s)	MDL	A1
Dibutyl tin(DBT)	mg/kg	0.02	ND
Tributyl tin(TBT)	mg/kg	0.02	ND
Monobutyl tin(MBT)	mg/kg	0.02	ND
Monooctyl tin(MOT)	mg/kg	0.02	ND
Tetrabutyl tin(TTBT)	mg/kg	0.02	ND
Tetraethyltin(TeET)	mg/kg	0.02	ND
Dibutyltin hydrogen borate (DBB) ◆	mg/kg	0.02	ND
Monomethyltin (MT)	mg/kg	0.02	ND
Dioctyl tin(DOT)	mg/kg	0.02	ND
Dipropyltin(DPT)	mg/kg	0.02	ND
Triphenyl tin(TPhT)	mg/kg	0.02	ND
Tricyclohexyltin(TCyHT)	mg/kg	0.02	ND
Trimethyltin(TMT)	mg/kg	0.02	ND
Trioctyltin(TOT)	mg/kg	0.02	ND
Tri-n-propyltin(TPT)	mg/kg	0.02	ND
Dimethyltin(DMT)	mg/kg	0.02	ND
Monophenyltin(MPhT)	mg/kg	0.02	ND
Diphenyl tin(DPhT)	mg/kg	0.02	ND
2-ethylhexyl 10-ethyl-4-[[2-[(2-ethylhexyl)oxy]-2-oxoethyl]thio]-4-octyl-7-oxo-8-oxa-3,5-dithia-4-stannaetradecanoate (MOTE)	mg/kg	0.02	ND
Bis(tributyltin) oxide (TBTO) ◆	mg/kg	0.02	ND
Dibutyltin dichloride (DBTC) ◆	mg/kg	0.02	ND
2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (DOTE) ◆	mg/kg	0.02	ND
Reaction mass of 2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate and 2-ethylhexyl 10-ethyl-4-[[2-[(2-ethylhexyl)oxy]-2-oxoethyl]thio]-4-octyl-7-oxo-8-oxa-3,5-	mg/kg	0.02	ND

Test Item(s)	Unit(s)	MDL	A1
dithia-4-stannaetradecanoate (Reaction mass of DOTE and MOTE) ◆			
Tetraoctyltin(TTOT)	mg/kg	0.02	ND

Notes:

(1)◆ = TBTO is back calculated based on the worst-case scenario of TBT.

◆ = DBTC/ DBB is back calculated based on the worst-case scenario of DBT.

◆ = MOTE is back calculated based on the worst-case scenario of MOT.

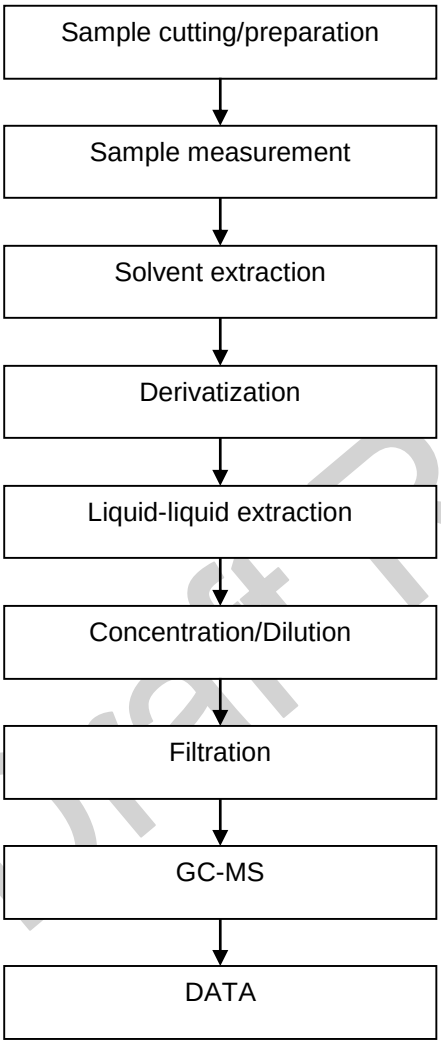
◆ = DOTE is back calculated based on the worst-case scenario of DOT.

◆ = Reaction mass of DOTE and MOTE is back calculated based on the worst-case scenario of DOT,MOT.

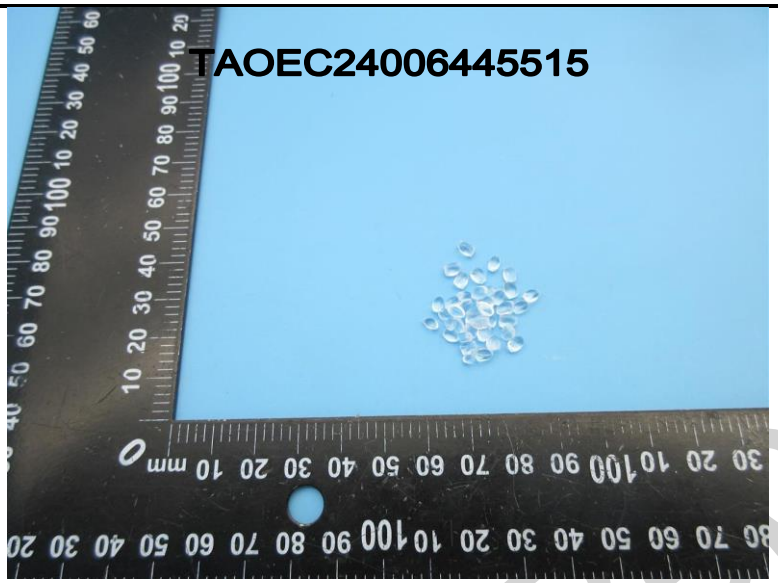
Unless otherwise stated, the decision rule for conformity reporting is based on Binary Statement for Simple Acceptance Rule (*w*=0) stated in ILAC-G8:09/2019.

ATTACHMENTS

Organotin Testing Flow Chart



Sample Photo:



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SGS authenticate the photo on original report only

*** End of Report ***