



SINOTRUST CHEMICAL CO. LTD.

NO.813 SELF TRADE BUILDING F.T.Z. DALIAN CHINA

CERTIFICATE OF ANALYSIS

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Product Name: Triclosan USP38
 CAS NO.: 3380-34-5
 Batch No.: 20200316
 Quantity: 700 KGS
 MFG Date: MAR.16,2020
 EXP.Date: MAR.15,2022

This is to certify that the shipment identified below has been representatively Sampled and analyzed according to quality control program of the manufacture. The results of these analysis are listed as below.

Item/项目	Standard/指标值	Result/检测结果
Description	Fine, whitish crystalline powder Melts at about 56.5°C (Release Limit 56-58°C)	Conform 56.1-57.3°C
Solubility	Practically insoluble in water, soluble in Methanol, in Alcohol and in Acetone; slightly soluble in Hexane	Conform
Identification	A. Conforms by Infrared Absorption; B. The retention time of the major peak in the chromatogram of the Assay preparation corresponds to that in the chromatogram of the Standard preparation, as obtained in the Assay.	Conform Conform
Water	Not more than 0.1%	0.09% w/w
Residue on ignition	Not more than 0.1%	0.02% w/w
Heavy metals	Not more than 0.002%	<0.001%
Related compounds	Any individual impurity: NMT0.1% Total impurities: NMT0.5%	0.05% 0.11%
Limit of		
Monochloro Phenol	≤ 50 mg/kg	< 50 mg/kg
2,4 Dichloro Phenol	≤ 10 mg/kg	< 10 mg/kg
Limit of		
2,8 Dichloro Dibenzo Furan	≤ 0.25 mg/kg	< 0.25 mg/kg
2,4,8 Trichloro Dibenzo Furan	≤ 0.50 mg/kg	< 0.50 mg/kg
1,3,7 Trichloro Dibenzo-P-Dioxin	≤ 0.25 mg/kg	< 0.25 mg/kg
2,8 Dichloro Dibenzo-P-Dioxin	≤ 0.50 mg/kg	< 0.50 mg/kg
Limit of		
2,3,7,8, Tetra Chloro Dibenzo-P-Dioxin	≤ 0.001ug/kg	< 1 ppt
2,3,7,8-Tetra Chloro Dibenzo Furan	≤ 0.001ug/kg	< 1 ppt
Assay	97.0% - 103.0% of C ₁₂ H ₇ Cl ₃ O ₂ (Calculated on Anhydrous Basis)	99.82%
结论/Conclusion:	Conform to the above specification of USP38.	

For and on behalf of
SINOTRUST CHEMICAL CO. LTD.
大连亿鑫化学有限公司

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Authorized Signature(s)