



大连葆扬化学有限公司

LabeyondChemicals Co., Ltd.

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CERTIFICATE OF ANALYSIS

Product Name:	Triclosan	Analysis Date:	Dec.01,2020
Batch No.:	20201201	Quantity:	100kg
Production Date:	Dec.01,2020	Expiry Date:	Nov.30,2023
Package size:	25kg/drum	Reference:	USP 30

SI NO.	TEST	SPECIFICATION	OBSERVATION
1	DESCRIPTION	Fine, whitish crystalline powder Melts at about 56.5°C (Release Limit 55.5-57.5°C)	Conforms 55.5-56.8°C
2	SOLUBILITY	Practically insoluble in water, soluble in Methanol, in Alcohol and in Acetone; slightly soluble in Hexane	Conforms
3	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	Conforms Conforms
4	WATER	Not more than 0.1%	0.09% w/w
5	RESIDUE ON IGNITION	Not more than 0.1%	0.021% w/w
6	HEAVY METALS	Not more than 0.002%	<0.002%
7	RELATED COMPOUNDS	Any individual impurity: NMT0.1% Total impurities: NMT0.5%	0.08% 0.20%
8	LIMIT OF MONOCHLORO PHENOL	≤ 50 mg/kg	<50 mg/kg
	2,4 DICHLORO PHENOL	≤ 10 mg/kg	<10 mg/kg
9	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
10	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
11	ASSAY	97.0% - 103.0% of C ₁₂ H ₇ Cl ₃ O ₂ Calculated on Anhydrous Basis	99.80%

REMARKS: The product COMPLIES as per the above specification USP30

Operated

by:

Checked

by:

Approved

by: