



Specification

2,3,5-Triphenyl-2H-Tetrazolium Chloride

Catalog Number: TC1007
CAS Number: 298-96-4
Synonym(s): Red Tetrazolium; TPTZ; TTC
Molecular Formula: C₁₉H₁₅CIN₄
Molecular Weight: 334.81

Test	Specification
Description:	White to off-white to pale yellow with a tan cast (powder)
Identification (I.R.):	To Conform to Standard
Loss on drying @ 105 Deg.C	3.0% maximum
Assay (by HPLC):	> 97.5%
Melting Point:	235 – 245° C
Residue on ignition	0.2% maximum
Solubility test: 1) 0.1 g/10 ml of Ethanol 2) 5g/100 ml of water	1) Clear and complete 2) Clear and complete
Sensitivity for reducing: Sugars	To pass test

Approved:

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