



Certificate of Analysis

Nitro-Blue Tetrazolium

Catalog Number: NB1001
Lot Number: 0328801
CAS Number: 298-83-9
Synonym(s): 2,2'-bis(4-Nitrophenyl)-5,5'-diphenyl-3,3'-(3,3'-dimethoxy-4,4'-diphenylene)ditetrazolium chloride, 3,3'-(3,3'-Dimethoxy-4,4'-biphenylene)bis[2-(4-nitrophenyl)-5-phenyl-2H-tetrazolium chloride], NBT
Molecular Formula: C₄₀H₃₀Cl₂N₁₀O₆
Molecular Weight: 817.65
Storage: 2°C – 8°C
Date of Manufacture: April 27, 2017
Retest Date: April 26, 2020

Test	Specification	Result
Appearance	Yellow powder	Conforms
Assay	≥ 98.0%	99.1%
Loss on drying	≤ 4.5%	2.0%
Solubility (5% MeOH)	Yellow transparent solution	Clear, yellow solution
TLC	One point	Conforms

Approved by:

Date: March 29, 2018

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