



Specification

Nitro-Blue Tetrazolium

Catalog Number:	NB1001
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], <i>p</i> -Nitrotetrazolium blue, NBT, Nitro BT
Molecular Formula:	C ₄₀ H ₃₀ C ₁₂ N ₁₀ O ₆
Molecular Weight:	817.65
Storage:	2°C – 8°C
Retest Period:	One year from the date of manufacture

Test	Specification
Appearance	Yellow powder
Assay	≥ 98.0%
TLC	One spot
Solubility	5% in methanol, 1% in water
Moisture (LOD)	≤ 4.5%

Approved:

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