

Nitroblue tetrazolium chloride, For Molecular Biology

MB107


Product Identifier

CAS No.	:	298-83-9
EC No.	:	206-067-4
Molecular Formula	:	C ₄₀ H ₃₀ N ₁₀ O ₆ Cl ₂
Molecular Weight	:	817.64
Synonym	:	NBT
HS Code	:	2933 99 90
Storage	:	2 - 8°C
Shelf life	:	4 years

Technical Specification

Appearance	:	Yellow crystals or powder
Solubility	:	33.3 mg soluble in 1 mL of methanol
DNases	:	None detected
RNases	:	None detected
FTIR	:	Matches with the standard pattern
Absorption maxima	:	255 - 260 nm (20 ppm in methanol)
Water (K.F.)	:	<= 10.00%
Assay (AT, on anhydrous basis)	:	98.00 - 102.00%

Safety Information

Hazard Pictogram(s)	:	
Signal Word	:	Warning
Hazard Statement(s)	:	H302- H315- H319- H335- H371
Precautionary Statement(s)	:	P260- P280- P308 + P313- P312- P403 + P233- P501
UN No.	:	Not dangerous goods
Class	:	-
Packing Group	:	-
RTECS	:	XF8045000
WGK	:	1