

Product Specification

Product Name: NBT
Nitro blue tetrazolium

Item Nr.: 1015 MW: 817.64 g/mol C40H30Cl2N10O6
CAS Nr.: 298-83-9 E.C.Nr.: EINECS: 206-067-4

Parameter	Methode	Specification	Unit
Appearance	visual	yellow crystalline powder	
Solubility	1% in H2O or 1% in MeOH	soluble	
Clarity of solution	Nephelometry	0	NTU
Coloration of sol.	Gardner	4 - 7	
Identification	TLC	correspond to standard Nitro-TB	
Assay		>99.0	%
Loss on drying	P2O5, vacuumed, 16h	< 10.0	%
Water	KF	<3.0	%
Molar absorptivity ϵ	λ_{max}	~61,300	
Sulfated ash		<1.0	%
λ_{max}	0.1mM in MeOH	252 - 262	nm

Storage: Keep well closed at 2-8 °C in a dark and dry place.

For professional use only. Not intended for pharmaceutical use. We do not warrant suitability for any particular application. Consult Safety Data Sheet.

Version/Latest update: 02/04.08.2020