

neoFroxx GmbH

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Specification

Product	Cetyltrimethylammonium bromide for molecular biology
Brand	BioFroxx

Product number	1743
Synonym(s)	CTAB, Cetrimonium bromide, Cetyltrimethylammonium bromide, Palmityltrimethylammonium bromide
Formula	C ₁₉ H ₄₂ BrN
Molecular weight	364.46 g/mol
CAS number	57-09-0
Storage	below 25°C
Retest period (months)	36

Parameter	Specification
Assay (TLC)	min. 99.0 %
Assay (titr. with HClO ₄)	min. 99.0 %
Appearance (Color)	white
Appearance (Form)	powder
Solubility (Color)	colorless to faint yellow
Solubility (Turbidity) 1 g + 10 ml water	clear to slightly hazy
Proton NMR spectrum	conforms to structure
Suitability	suitable
Suitable for use in DNA precipitation	
DNAse, Exonuclease Detection	none detected
NICKase, Endonuclease Detection	none detected
RNAse Detection	none detected

Einhausen, 14.10.2020

