

Specification

Cetyltrimethylammonium Bromide for molecular biology

A6284

Synonym	Cetrimonium Bromide, N-Cetyl-N,N,N-trimethylammonium Bromide, CTAB, Hexadecyltrimethylammonium Bromide, Palmityltrimethylammoniumbromid
state of matter	Solid
Aggregation no. (N_a)	61
CMC (25°C)	9.2 x 10 ⁻⁴ mol/L
Classification: cationic detergent	
Solubility (20°C)	3 g/L (H ₂ O)
Melting point	250°C (dec.)
Formula	C ₁₉ H ₄₂ BrN
M	364.46 g/mol
CAS-No.:	57-09-0
HS-No.:	29239000
EC-No.:	200-311-3
Storage:	RT
LGK:	10 - 13
Disposal:	3
R:	22-41-50
S:	26-39-61
	harmful, irritant, dangerous for the environment
Class / PG:	9/III
UN-No.	UN3077
WGK:	3
Specification	
DNases/RNases/Proteases	not detectable
Assay (titr.)	min. 99 %
Heavy metals (as Pb)	max. 0.001 %
Water (K.F.)	max. 1 %
Fe	max. 0.001 %