

Methylene blue trihydrate, For Molecular Biology

MB257


Product Identifier

CAS No.	:	7220-79-3
EC No.	:	200-515-2
C.I. No.	:	52015
Molecular Formula	:	C ₁₆ H ₁₈ Cl N ₃ S.3H ₂ O
Molecular Weight	:	373.90
HS Code	:	3204 13 51
Storage	:	Below 30°C
Shelf life	:	4 years

Technical Specification

Appearance	:	Green to dark green crystals or powder with metallic lustre
Solubility	:	20 ppm in water yields clear blue solution
DNases	:	None detected
RNases	:	None detected
Absorption maxima	:	658 - 668 nm (20 ppm in water)
Loss on drying (at 105°C, 2 hr)	:	8.00 - 18.00%
Assay (AT/UV, on dry basis)	:	99.00 - 103.00%

Safety Information

Hazard Pictogram(s)	:	
Signal Word	:	Warning
Hazard Statement(s)	:	H302
Precautionary Statement(s)	:	P264- P270- P301 + P312- P330- P501
UN No.	:	Not dangerous goods
Class	:	-
Packing Group	:	-
RTECS	:	SP5740000
WGK	:	1