

MES monohydrate, For Molecular Biology

MB020


Product Identifier

CAS No.	:	145224-94-8
EC No.	:	224-632-3
Molecular Formula	:	$C_6H_{13}NO_4S \cdot H_2O$
Molecular Weight	:	213.25
Synonym	:	2-(N-Morpholino)ethanesulphonic acid monohydrate
HS Code	:	2934 99 90
Storage	:	Below 30°C
Shelf life	:	4 years

Technical Specification

Appearance	:	White crystals or powder
Solubility	:	100 mg soluble in 1 mL of water
pH (10% in water at 25°C)	:	2.50 - 4.00
FTIR	:	Matches with the standard pattern
Water (K.F.)	:	<= 10.0%
Assay (NaOH T, on anhydrous basis)	:	90.00 - 102.00%

Safety Information

Hazard Pictogram(s)	:	
Signal Word	:	Warning
Hazard Statement(s)	:	H315- H319- H335
Precautionary Statement(s)	:	P261- P280- P312- P321- P403 + P233- P501
UN No.	:	Not dangerous goods
Class	:	
Packing Group	:	-
RTECS	:	Not available
WGK	:	1