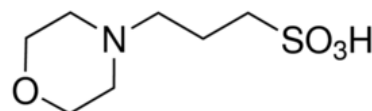


MOPS BUFFER FOR MOLECULAR BIOLOGY

PRODUCT CODE	961070
SYNONYMS	(3-(N-Morpholino)propanesulphonic acid)
C.I. NO.	--
CASR NO.	1132-61-2
ATOMIC OR MOLECULAR FORMULA	C₇H₁₅NO₄S
ATOMIC OR MOLECULAR WEIGHT	209.26
PROPERTIES	Store below 30°C



PARAMETER	LIMIT
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Description	White solid or crystals or crystalline powder.
Solubility	Soluble in water.
Minimum assay (NaOH Titration)	99.50%
pH (1% in water at 25°C)	3.0 - 4.5

MAXIMUM LIMIT OF IMPURITIES

Heavy metals (as Pb)	0.0005%
Iron (Fe)	0.0005%
DNase, RNase	None detected

Note(s): Assay (if applicable) method mentioned.

WARNING

Hazard statements: May cause respiratory irritation. Causes skin irritation. Causes serious eye irritation.

Precautionary statements

Prevention: Avoid breathing dust/fume/gas/mist/vapours/spray. Wash thoroughly after handling. Use only outdoors or in a well-ventilated area. Wear protective gloves/protective clothing/eye protection/face protection.

Response: IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Call a POISON CENTER or doctor/physician if you feel unwell. If eye irritation persists: Get medical advice/attention.

Disposal: Dissolve the chemical to be disposed, in water and allow it to run to waste, diluting with large quantities of water. The quantities greater than 10g should be dissolved in water and transferred to heavy metal waste drums for collection by specialist disposal company.

Hazard Pictogram(s) :



GHS07

IMDG Code : --
UN No. : --
IATA : --