

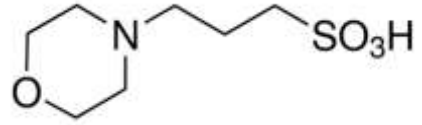


Product Specification

cdhfinechemical.com

MOPS BUFFER

PRODUCT CODE	161315
SYNONYMS	3-MORPHOLINOPROPANE SULPHONIC ACID EXTRAPURE
C.I. NO.	--
CASR NO.	(1132-61-2)
ATOMIC OR MOLECULAR FORMULA	C₇H₁₅NO₄S
ATOMIC OR MOLECULAR WEIGHT	209.26
PROPERTIES	It not completely stable when autoclaved in the presense of glucose.



PARAMETER	LIMIT
Description	White crystalline powder.
Solubility	20% solution in water is clear and colourless.
Identification (By FTIR)	Conforms.
Minimum Assay (Alkalimetry)	99.0%

MAXIMUM LIMIT OF IMPURITIES	
UV absorbance (at 250 nm 5% aq. soln in water 1 cm)	0.05
Loss on drying (at 110°C)	1.0%
Chloride (Cl)	0.02%
Sulphate (SO ₄)	0.005%
Heavy metals (as Pb)	0.0005%

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

WARNING	IMDG Code: UN No. : IATA :
Hazard statements : Not hazardous. No hazards.	
Precautionary statements	
Prevention : ----- Response : -----	
Disposal : -----	

Hazard Pictogram(s) :

Replace date 1-June-2023