



Product Specification

MOPS BUFFER

PRODUCT CODE	044164
SYNONYMS	3-MORPHOLINOPROPANE SULPHONIC ACID EXTRAPURE
C.I. NO.	--
CASR NO.	(1132-61-2)
ATOMIC OR MOLECULAR FORMULA	$C_7H_{15}NO_4S$
ATOMIC OR MOLECULAR WEIGHT	209.26
PROPERTIES	It not completely stable when autoclaved in the presense of glucose.

$C_7H_{15}NO_4S$

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

Hazard statements : Not hazardous. No hazards.

Precautionary statements

Prevention: -----

Response:-----

Disposal:-----

Hazard Pictogram(s) :

IMDG Code :
UN No. :
IATA :