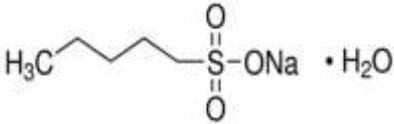


1-PENTANE SULPHONIC ACID SODIUM SALT MONOHYDRATE

PRODUCT CODE	762740	
SYNONYMS	Sodium 1-Pentanesulphonate monohydrate.	
C.I. NO.	--	
CASR NO.	(207605-40-1)	
ATOMIC OR MOLECULAR FORMULA	C₅H₁₁NaO₃S.H₂O	
ATOMIC OR MOLECULAR WEIGHT	192.21	
PROPERTIES	--	
PARAMETER	LIMIT	
Description	White powder.	
Solubility	10% solution in water is clear and colourless.	
Identification (By FTIR)	conforms	
Minimum Assay(Acidimetric)	99.0%	
UV Transmission in 1.0 cm cell (0.005 mol/lit. in water, at250 nm)	Min. 98.0%	
pH (10% in water)	5.5 - 7.5	

MAXIMUM LIMIT OF IMPURITIES

Loss on drying (at 120°C)	7.8 – 9.6%
Absorbance in a 1.0 cm cell (0.005 mol/lit. in water) at 200 nm	0.15
220 nm	0.05

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

WARNING

Hazard statements: Not hazardous. No hazards.

Precautionary statements

Prevention: -----

Response: -----

Disposal:-----

Hazard Pictogram(s) :-----

Replace date: 14-OCT-2022