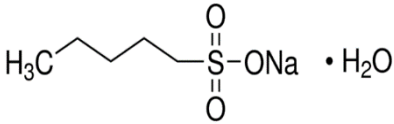


## 1-PENTANE SULPHONIC ACID SODIUM SALT MONOHYDRATE

<b>PRODUCT CODE</b>	<b>762740</b>	
<b>SYNONYMS</b>	<b>Sodium 1-Pentanesulphonate monohydrate.</b>	
<b>C.I. NO.</b>	--	
<b>CASR NO.</b>	<b>(207605-40-1)</b>	
<b>ATOMIC OR MOLECULAR FORMULA</b>	<b>C<sub>5</sub>H<sub>11</sub>NaO<sub>3</sub>·H<sub>2</sub>O</b>	
<b>ATOMIC OR MOLECULAR WEIGHT</b>	<b>192.21</b>	
<b>PROPERTIES</b>	--	
<b>PARAMETER</b>	<b>LIMIT</b>	
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
Absorption in a 1.0 cm cell (10% in water) at 210 nm	0.1
220 nm	0.06
230 nm	0.04
260 nm	0.02
500 nm	0.02

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

### WARNING

**Hazard statements:** Not hazardous. No hazards.

**Precautionary statements**

**Prevention:** -----

**Response:** -----

**Disposal:**-----

**Hazard Pictogram(s) :**-----

Replace date: 20-March-2018