



# Product Specification

**Product Name:** 1 HEPTANE SULFONIC ACID Sodium salt HPLC grade Monohydrate

Alternate Name(s)

Description

Fine white crystalline powder.

Properties

Chemical Formula:  $\text{CH}_3(\text{CH}_2)_6\text{SO}_3\text{Na} \cdot \text{H}_2\text{O}$

Molecular Weight: 202.25

Product Code: HL174

CAS No. 207300-90-1

General Information:

Soluble in water.

Hazard and Safety Data

UN Group: None Allocated

Class: None Allocated

UN Number: None Allocated

Hazchem code: None Allocated

CS MSDS Code:

Poison schedule: Not Scheduled

Emergency

Procedure Guide No.: N/A

Quality Specification

Assay: 99.0% min.

Specific Properties and Impurities [Typical levels]:

Solubility (0.4% methanol)	Clear
Solubility (10% aq.)	Clear and colourless
Water Content	7 - 9 %
Maximum absorbency (UV 0.25M Solution)	
200 nm	≤ 0.300 AU
210 nm	≤ 0.100 AU
220 nm	≤ 0.075 AU
230 nm	≤ 0.050 AU
240 nm	≤ 0.040 AU
250 nm	≤ 0.030 AU

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