

Product Specification

Product Name: 1-HEPTANE SULFONIC ACID Sodium salt HPLC grade Anhydrous LR

Alternate Name(s)

Description

Fine, white crystalline powder.

Properties

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

Molecular Weight: 202.25

Product Code: HL169

CAS No. 22767-50-6

General Information:

Solubility: clear colourless solution at 400mg in 4ml of water. Ion-pairing reagent for HPLC, including analyses of peptides and proteins.

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]:

Water (H ₂ O)	≤ 2.0%
Maximum Absorbency (UV 0.25M Solution)	
200 nm	< 0.300 AU
210 nm	< 0.200 AU
220 nm	< 0.100 AU
230 nm	< 0.075 AU
240 nm	< 0.050 AU
250 nm	< 0.050 AU
260 nm	< 0.040 AU

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