



Product Specification

Product Name: 1-PENTANE SULFONIC ACID Sodium Salt
Anhydrous HPLC grade

Alternate Name(s)

Description

Fine white crystalline powder. Odourless.

Properties

Chemical Formula:

Molecular Weight: 174.12

Product Code: PL324

CAS No. 22767-49-3

General Information:

Soluble in water. Incompatible with strong oxidisers.

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: 98% min.

Specific Properties and Impurities [Typical levels]:

Melting point	> 300°C
Water (H ₂ O)	≤ 2.0%
pH (10% aq.)	5.5 - 7.5
Maximum Absorbance (UV 0.25M solution)	
200 nm	< 0.100 AU
210 nm	< 0.050 AU
220 nm	< 0.040 AU
230 nm	< 0.030 AU
240 nm	< 0.010 AU
250 nm	< 0.010 AU
260 nm	< 0.010 AU

Best before 5 years from DOM.

HOSPIRA ONLY

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