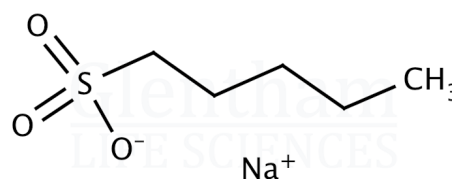


Certificate of Analysis

Product Name	1-Pentanesulfonic acid sodium salt monohydrate
Glentham Code	GK0438
CAS Number	207605-40-1
EINECS	245-208-4
MDL Number	MFCD00149548
PubChem SID	310278617
Additional CAS	22767-49-3
Batch Number	753NVQ



Molecular Weight	192.19
Molecular Formula	$\text{CH}_3(\text{CH}_2)_4\text{SO}_3\text{Na} \cdot \text{H}_2\text{O}$
Storage Temp.	+20°C

Property	Specification	Batch 753NVQ
Physical Description	White crystalline powder	White crystalline powder
Assay	≥ 98.0%	99.6%
Solubility (10% in water)	Clear, colourless solution	Clear colourless solution
Loss on Drying	7.0 - 9.0 %	8.5%
UV Absorbance	(0.25M in water): 200 nm ≤ 0.3	0.16
	210nm ≤ 0.05	0.025
	220nm ≤ 0.03	0.003
	230nm ≤ 0.02	0.002
	240nm ≤ 0.02	0.002
	250nm ≤ 0.02	0.002
	260nm ≤ 0.02	0.003

Specification Version	v1.1
Manufacture Date	2025-01-20
Re-Test Date	2034-02-03

Glentham Life Sciences confirm that the above referenced product conformed to the information displayed in this document on the quality release date. Please check www.glentham.com or contact us using the details above for the current version of this document.

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