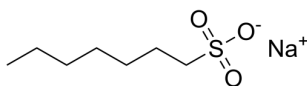


Certificate of Analysis

Compound Information

Product Name:	Sodium heptane-1-sulfonate(Reagent for Ion-Pair Chromatography,99%)
Cat. No.:	1219033
CAS No.:	22767-50-6
Molecular Formula:	C ₇ H ₁₅ NaO ₃ S
Molecular Weight:	202.25
Chemical Structure:	



Batch Information

Batch No.:	Lg1008310234
Storage:	Store at room temperature
Test Date:	2023-10-08
Retest Date:	2028-10-07
Origin:	Shanghai, China

QC Summary

QC Summary	Specification	Result
Appearance:	White to off-white (Solid)	White (Powder)
¹H NMR Spectrum:	Consistent with structure	Consistent with structure
Structure Identification(Infrared Spectrum):	Conforms	Conforms
Assay(alkalimetric,calculated on dried substance), ω/%:	≥99	99.9
UV-transmission(0.005mol/L;1cm;Water;200nm), ω/%:	≥70	qualified
UV-transmission(0.005mol/L;1cm;Water;220nm), ω/%:	≥90	qualified
UV-transmission(0.005mol/L;1cm;Water;250nm), ω/%:	≥98	qualified
Loss On Drying(120°C;4h;Vacuum),ω/%:	≤2.0	0.5
pH(100 g/L water):	5.5-7.5	5.7
Conclusion:	The product has been tested and complies with the given specifications.	

Caution: Research use only and are not intended for human use.

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