

Chem-Impex International, Inc.

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Certificate of Analysis

| | |
|---------------------------|---|
| Catalogue Number | 22841 |
| Lot Number | 002126-150203 |
| Product | 1-Heptanesulfonic acid sodium salt anhydrous HPLC Sodium 1-heptanesulfonate |
| CAS Number | 22767-50-6 |
| Molecular Formula | C ₇ H ₁₅ O ₃ SNa |
| Molecular Weight | 202.25 |
| Appearance | White crystalline powder |
| Solubility | Clear and colorless solution in (≥ 100 mg/mL in water) |
| pH | 6.00 (10% in water) |
| Infrared Spectrum | Conforms to structure |
| UV Ratios | Transmittance (0.005 mol. aqueous solution): at 200 nm: 76.20% at 220 nm: 96.87% at 250 nm: 99.84% |
| Loss on Drying | 1.49% @120 °C |
| Assay by titration | 99.72% (anhydrous basis) |
| Application | It is HPLC reagent used for ion-association in analyses of peptides and proteins. |
| Storage | Store at 0-8 °C |

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Catalog Number: 22841

Lot Number: 002126-150203

Remarks

See material safety data sheet for additional information

For laboratory use only

The foregoing is a copy of the Certificate of Analysis as provided by our supplier

A handwritten signature in black ink, appearing to read 'Bala Kumar', with a stylized flourish at the end.

Bala Kumar
Quality Control Manager