

Certificate of Analysis

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|-----------------------|---|
| Product Name: | N-Hydroxysulfosuccinimide (sodium) |
| Cat. No.: | CS-W002213 |
| CAS No.: | 106627-54-7 |
| Batch No.: | L400314 |
| Chemical Name: | 3-Pyrrolidinesulfonic acid, 1-hydroxy-2,5-dioxo-, sodium salt (1:1) |

PHYSICAL AND CHEMICAL PROPERTIES

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|----------------------------|---|
| Molecular Formula: | C ₄ H ₄ NNaO ₆ S |
| Molecular Weight: | 217.13 |
| Storage: | 2-8°C, sealed storage, away from moisture |
| Chemical Structure: | |



ANALYTICAL DATA

| | Specification | Result |
|---|---|---------------------------|
| Appearance: | White to off-white (Solid) | White (Powder) |
| ¹H NMR Spectrum: | Consistent with structure | Consistent with structure |
| Carbon Content (Elemental Analysis), ω/%: | 21.57-22.68 | qualified |
| water(K.F.), ω/%: | 0-4 | qualified |
| Nitrogen Content (Elemental Analysis), ω/%: | 6.28-6.61 | qualified |
| Purity(HPLC), ω/%: | 98-100 | 99.93 |
| Structure Identification(Proton NMR Spectrum): | Conforms | Conforms |
| Conclusion: | The product has been tested and complies with the given specifications. | |

Caution: Product has not been fully validated for medical applications. For research use only.

Tel: 610-426-3128

Fax: 888-484-5008

E-mail: sales@ChemScene.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA