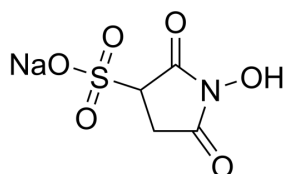


## Certificate of Analysis

<b>Product Name:</b>	N-Hydroxysulfosuccinimide (sodium)
<b>Cat. No.:</b>	CS-W002213
<b>CAS No.:</b>	106627-54-7
<b>Batch No.:</b>	447615
<b>Chemical Name:</b>	3-Pyrrolidinesulfonic acid, 1-hydroxy-2,5-dioxo-, sodium salt (1:1)

### PHYSICAL AND CHEMICAL PROPERTIES

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



### ANALYTICAL DATA

	Specification	Result
<b>Appearance:</b>	White to off-white (Solid)	White (Powder)
<b><sup>1</sup>H NMR Spectrum:</b>	Consistent with structure	Consistent with structure
<b>Carbon Content (Elemental Analysis), ω/%:</b>	21.57-22.68	qualified
<b>water(K.F.), ω/%:</b>	0-4	qualified
<b>Nitrogen Content (Elemental Analysis), ω/%:</b>	6.28-6.61	qualified
<b>Purity(HPLC), ω/%:</b>	98-100	99.93
<b>Structure Identification(Proton NMR Spectrum):</b>	Conforms	Conforms
<b>Conclusion:</b>	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.**

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