



# INDOFINE Chemical Company, Inc.

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## *Certificate of Analysis*

Catalogue Number	04-2461
Product	<b>N-Acetylneuraminic acid</b>
Lot Number	001299-1210621 Sialic acid
CAS Number	131-48-6
Molecular Formula	C <sub>11</sub> H <sub>19</sub> NO <sub>9</sub>
Molecular Weight	309.28

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Appearance	White to off-white powder
Solubility	Clear colorless solution (50 mg/mL)
Heavy Metals	< 1 ppm
Water Content (Karl Fisher)	0.9%
Optical Rotation	[α] <sub>D</sub> <sup>20</sup> = -30.7 °
Microbial Count	Total plate count : Negative
Residue On Ignition	< 0.1%
Purity by HPLC	99.6%
Grade	Synthetic
Storage	Store at 0 - 8 °C

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