



# INDOFINE Chemical Company, Inc.

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## *Certificate of Analysis*

Catalogue Number	BIO-353
Product	Lauryl sulfate sodium salt, NF/EP/USP
Lot Number	000347-58262101 Sodium dodecyl sulfate SDS
CAS Number	151-21-3
Molecular Formula	C <sub>12</sub> H <sub>25</sub> O <sub>4</sub> SNa
Molecular Weight	288.38

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Appearance	Free flowing powder
Color (APHA)	9 (C=10% in H <sub>2</sub> O)
Solubility	Clear, < 30 specks/50 g (30°C)
Heavy Metals	< 20 ppm
Water Content (Karl Fisher)	0.90%
pH	9.84 (C=1% in H <sub>2</sub> O)
Alkalinity	0.19 mL/g
Insoluble	1.13% (alcohol)
Organic Volatile Impurities	NF Requirements
Assay	98.09% (active)
Purity	99.04% (assay)
Grade	NF/EP/USP
Storage	Store cold
Additional Information	Unsulfated alcohol: 0.5% Total alcohol: 65.13% Solids: 99.04% Sodium Chloride: 0.02% Sodium Sulfate: 0.94% Identification NF/EP: Passes A. B. C. D