



INDOFINE Chemical Company, Inc.

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Certificate of Analysis

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|------------------------------------|--|
| Catalogue Number | BIO-353 |
| Product | Lauryl sulfate sodium salt, NF/EP/USP |
| Lot Number | 000347-61500401 Sodium dodecyl sulfate SDS |
| CAS Number | 151-21-3 |
| Molecular Formula | $C_{12}H_{25}O_4SNa$ |
| Molecular Weight | 288.38 |
| Appearance | Free flowing powder |
| Color (APHA) | 20 (C=10% in H ₂ O) |
| Solubility | Clear, < 30 specks/50 g (30°C) |
| Heavy Metals | < 20 ppm |
| Water Content (Karl Fisher) | 1% |
| pH | 9.79 (C=1% in H ₂ O) |
| Alkalinity | 0.29 mL/g |
| Insoluble | 1.5% (Alcohol) |
| Organic Volatile Impurities | NF Requirements |
| Assay | 98.36% (Active) |
| Grade | NF/EP/USP |
| Storage | Store at RT |
| Additional Information | Unulfated alcohol: 0.43% Total alcohol: 65.238% Solids: 99 Sodium Chloride: 0.02% Sodium Sulfate: 0.7% Identification NF/EP: Tests A, B, C, D |