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Certificate of Analysis

Catalogue Number 00270
Lot Number 000347-0008200827
Product **Lauryl sulfate sodium salt, NF/EP/USP**

Sodium dodecyl sulfate

CAS Number 151-21-3
Molecular Formula C₁₂H₂₅O₄SNa
Molecular Weight 288.38

Appearance Free flowing white powder
Color (APHA) 7 (10% in H₂O)
Solubility Clear, < 30 specks/50 g (30 °C, 10% in water)
Odor Slight characteristic fatty odor
Cation Iron : < 10 ppm
Cadmium : < 0.5 ppm
Lead : < 0.5 ppm
Arsenic : < 1.5 ppm
Mercury : < 3 ppm
Cobalt : < 5 ppm
Vanadium : < 10 ppm
Nickel : < 20 ppm
Water Content (Karl Fisher) 1%
pH 9.7 (1% in H₂O)
Alkalinity 0.2 mL/g
Fungi, Yeasts Total fungal count : < 100 cfu/g
Insoluble 1% (Alcohol)
Residual Solvents Meets the requirement
Microbial Count < 100 cfu/g (TBC)
Assay 97.5% (Active)
Grade NF/EP/USP
Storage Store at RT

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Additional Information

Unulfated alcohol : 0.4%
Total alcohol : 64.9%
Solids : 99%
Sodium Chloride : 0.0%
Sodium Sulfate : 0.9%
Total salts : 0.9%
Gram negative pathogens : None present
Identification : Tests A, B, C, D, E per Each compendium

Country of Origin

USA

Remarks

See material safety data sheet for additional information

For laboratory use only

The foregoing is a copy of the Certificate of Analysis as provided by our supplier



Bala Kumar
Quality Control Manager