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CERTIFICATE OF ANALYSIS

Analysis Date: May 2024

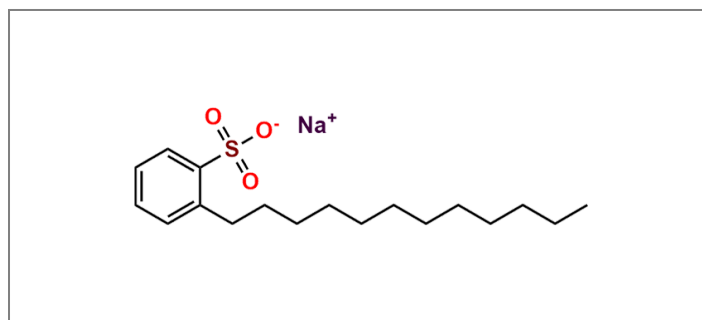
Re-test Date: Apr 2027

Product Name: Sodium Dodecylbenzenesulfonate

Identification:

Chemical Name: Sodium Dodecylbenzenesulfonate

Synonyms : NA
CAS Number : 69669-44-9
CAT Number : CP-CS1717
Molecular Formula : C₁₈H₂₉O₃S : Na
Molecular Weight : 325.49 : 22.99
Batch Number : CP-SOD-DBS-0524



Storage Condition : Tightly closed, Inert atmosphere at 2 to 8° C
Shipping condition : All Products are stable to be shipped at room temperature, if specific condition required it is mention in the COA

Analytical Information:

| Sr. No. | Test | Result |
|---------|--------------------|---|
| 1) | Description | White Semisolid |
| 2) | Solubility | Soluble in Methanol/DMSO |
| 3) | MASS By LCMS | Confirm to structure |
| 4) | Purity By HPLC | Isomer 1=86.094%(RT- 8.208) + Isomer 2= 13.894%(RT- 8.455) + Total Purity-99.98% |
| 5) | ¹ H NMR | Confirm to structure |
| 6) | IR | Confirm to structure |
| 7) | Weight loss by TGA | 5.02% |
| 8) | Potency by TGA | 94.96% |



Prepared and Reviewed By

Ms Priyanka Salunkhe
(Quality Control)

Approved By

Ms Rohini Gagare
(Quality Assurance)

Note: Product supplied by Chemicea are for R&D purpose only and not for human consumptions.