

## **Certificate of Analysis**

## Sodium tetradecyl sulfate

Cat. No.: HY-A0199 CAS No.: 139-88-8 Batch No.: 244268

**Chemical Name:** 4-Undecanol, 7-ethyl-2-methyl-,4-(hydrogen sulfate), sodium salt (1:1)

## PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:  $C_{14}H_{29}NaO_4S$ 

Molecular Weight: 316.43

Storage: 4°C, sealed storage, away from moisture

\* In solvent: -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture)

**Chemical Structure:** 

## **ANALYTICAL DATA**

Appearance: Colorless to light yellow (Liquid)

Aluminum (Al): <0.0001% Phosphorus (P): <0.001% Lead (Pb): <0.001% Iron (Fe): <0.0001% Copper (Cu): 0.0003% Zinc (Zn): <0.0001% Calcium (Ca): <0.001% Magnesium (Mg): <0.0001% Potassium (K): <0.001%

Conclusion: The product has been tested and complies with the given specifications.

~27% in H<sub>2</sub>O

Caution: Product has not been fully validated for medical applications. For research use only.

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Concentration: