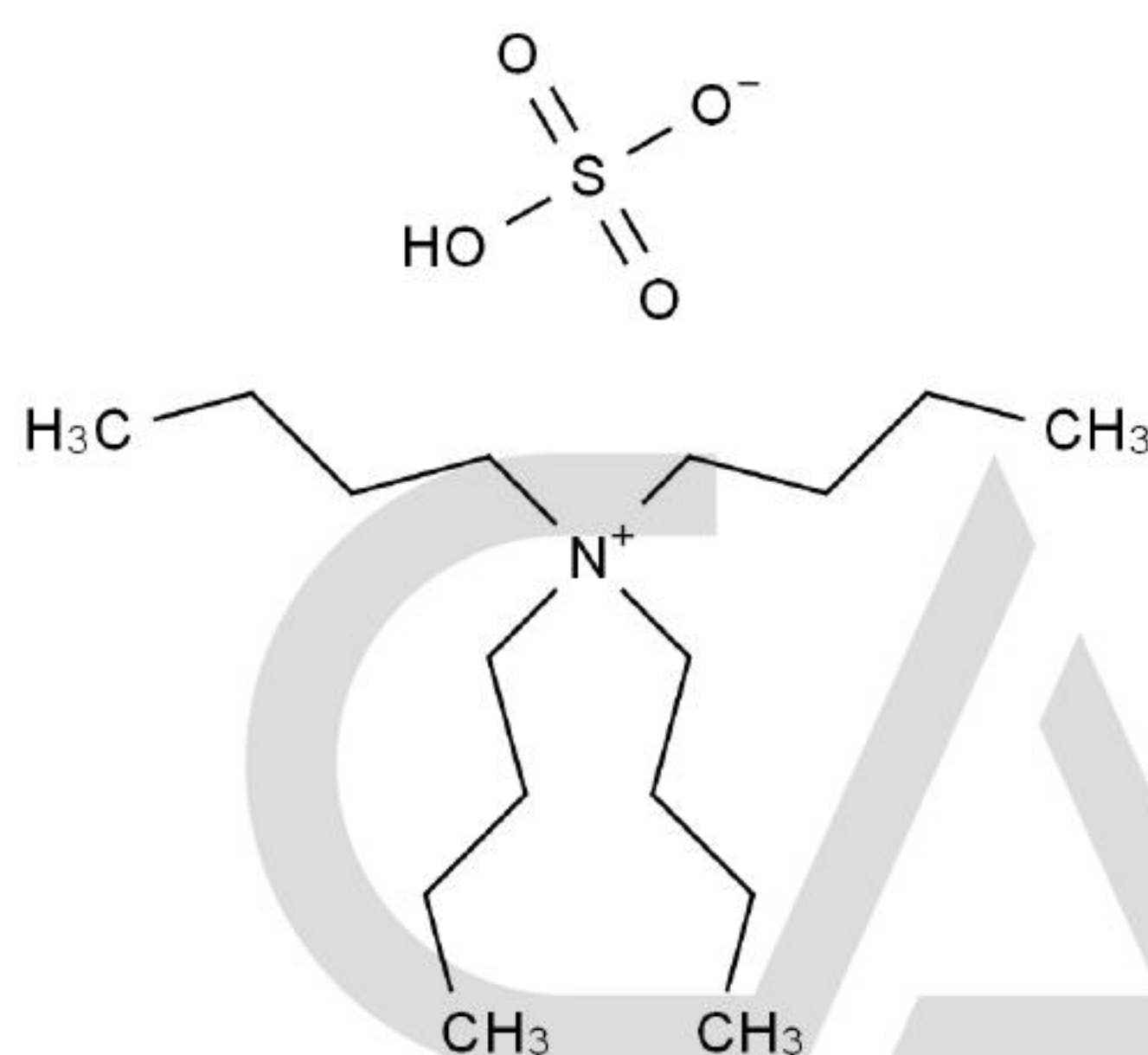


Certificate of Analysis

Reference Material & Standard

Product Name:	Tetrabutylammonium Hydrogen Sulfate	Catalogue Number:	CCHM700630
Synonyms:	N/A	Lot Number:	0811-RG-0089
CAS Number:	32503-27-8	Expiry Date:	Aug 14, 2029
Molecular Formula:	C ₁₆ H ₃₆ N HO ₄ S	Storage:	Room Temp Protected from light and Sealed
Molecular Weight:	242.46 97.07	Warning:	

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&HNMR	Confirmed
Purity	ELSD	100.0%
Assay	qNMR	99.3%
Uncertainty		±0.2%

Comment:

The uncertainty values are the expanded uncertainty and represent an estimated standard deviation equal to the positive square root of the total variation of the uncertainty of components. A normal distribution is assumed and a coverage factor of K=2 is chosen using approximately a 95% confidence level.

Signature:

Prepared by:

Nice

Reviewed by:

Lisa

Approved by General Manager:

David

Date: Aug 15, 2025

Date: Aug 18, 2025

Date: Aug 18, 2025

