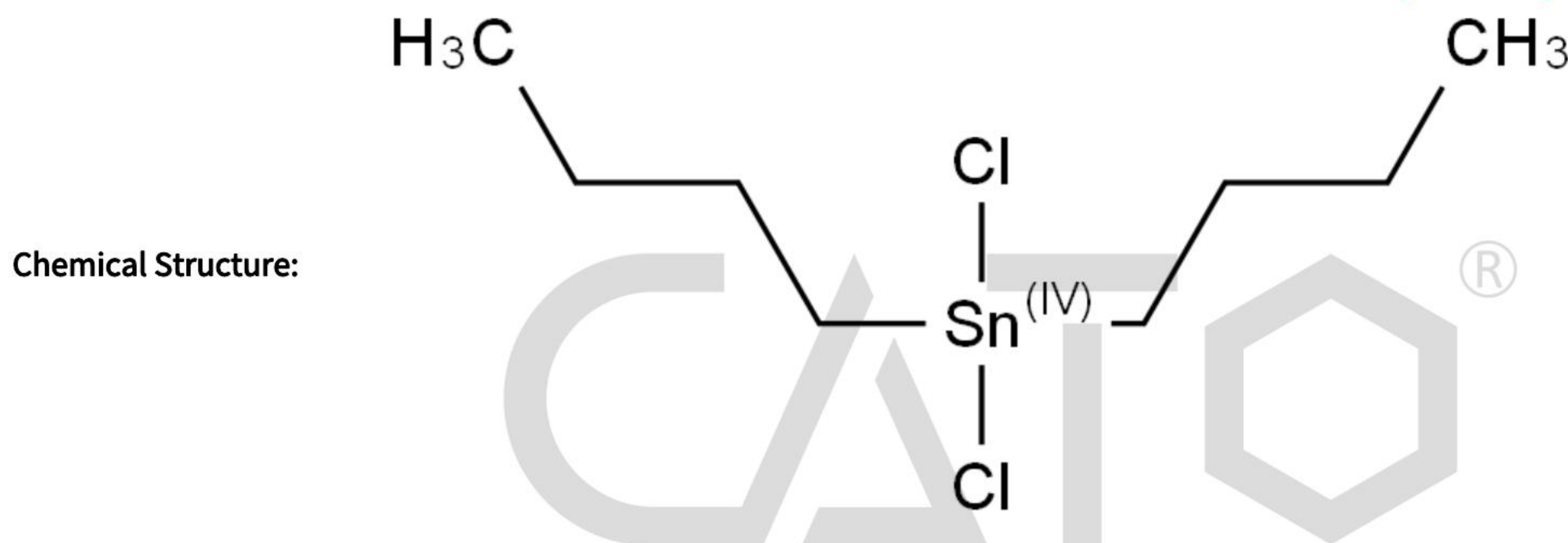


Certificate of Analysis

Reference Material & Standard

Product Name:	Dibutyltin-Dichloride	Catalogue Number:	COTI111604
Synonyms:	N/A	Lot Number:	0519-RG-0129
CAS Number:	683-18-1	Expiry Date:	May 18, 2029
Molecular Formula:	C ₈ H ₁₈ Cl ₂ Sn	Storage:	Room Temp Protected from light and Sealed
Molecular Weight:	303.84	Warning:	



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	GCMS&HNMR	Confirmed
Assay	qNMR	99.4%
Uncertainty		±0.1%

Comment:

1. Assay was determined by quantitative ¹H-NMR.
2. 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:

Lisa

Reviewed by:

Hinlam

Approved by General Manager:

David

Date: May 19, 2025

Date: May 20, 2025

Date: May 20, 2025

