

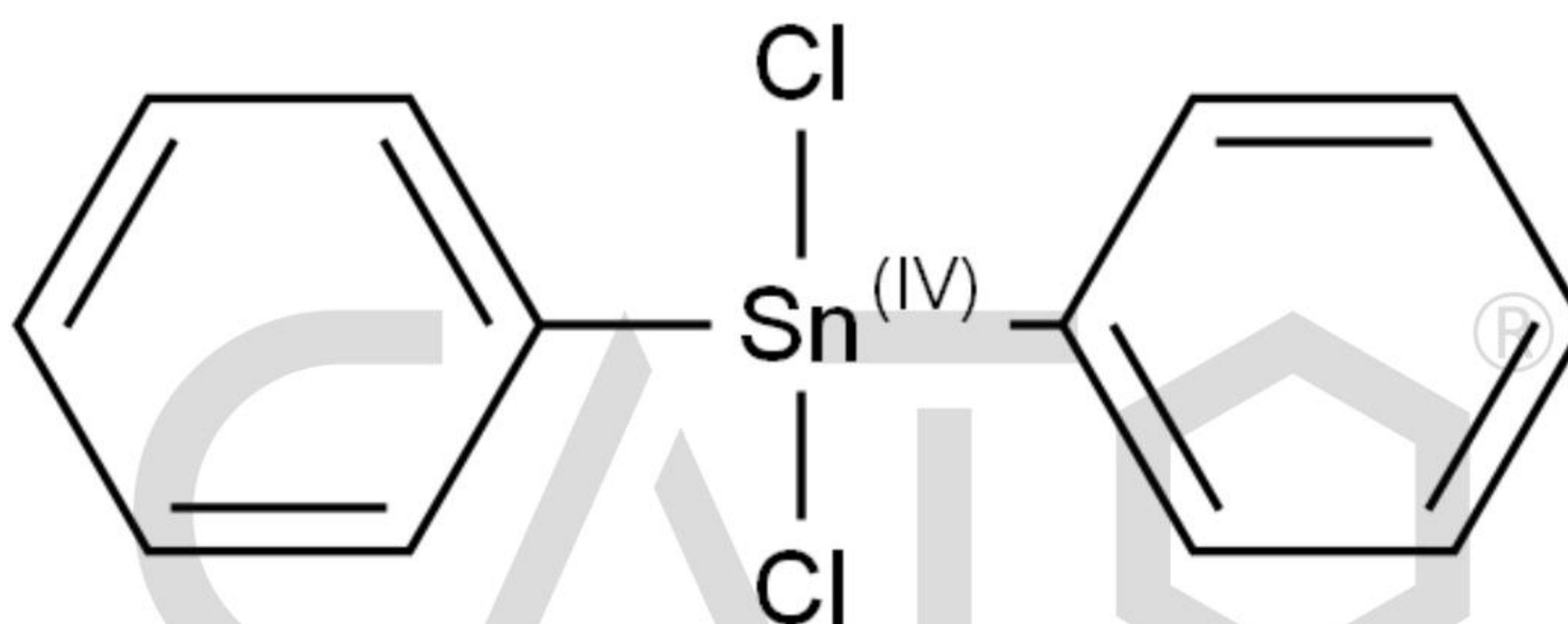
Certificate of Analysis

Reference Material & Standard

Product Name:	Diphenyltin Dichloride	Catalogue Number:	COTI111606
Synonyms:	N/A	Lot Number:	0527-RG-0094
CAS Number:	1135-99-5	Expiry Date:	May 26, 2028
Molecular Formula:	C ₁₂ H ₁₀ Cl ₂ Sn	Storage:	Room Temp Protected from light and Sealed
Molecular Weight:	343.82	Warning:	



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Off-White Solid
Identification	IR&HNMR	Confirmed
Purity	GC	97.858%
Loss On Drying	TGA	0.4525%
Assay		97.4%
Uncertainty		±0.5%

Comment:

1. The calculation of the 100% method follows the formula (calculated on the non-dried basis):

Assay (%) = (100% - Loss On Drying) * Purity GC (%) / 100%

Loss On Drying is considered as absolute effect, GC purity is considered as relative effect.

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:

Hin Lam

Approved by General Manager:

David

Date: May 27, 2025

Date: May 27, 2025

Date: May 27, 2025

