

Certificate of Analysis

Reference Material & Standard

Product Name:	Deuterated Organotin Mix 4	Catalogue Number:	MOTI111643-ME
Appearance:	Colourless Liquid	Lot Number:	1030-RE-0094
Solvent:	Methanol	Storage:	-20°C±5°C Protected from light and Sealed
Expiry Date:	Mar 02, 2025		

Chemical Structure:

N/A

Warning:



NO.	Component	CAS No.	Certified Concentration Value (µg/mL)	Uncertainty (%)
1	Tributyltin Chloride-D27	1257647-76-9	100.3	2.4
2	Tetrabutylstannane-d36	358731-92-7	99.0	2.4
3	Triphenyl-d15-tin Chloride	358731-94-9	101.4	2.4
4	n-Butyl-d9-tin Trichloride	N/A	101.2	2.4

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:

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Reviewed by:

Hin Lam

Approved by General Manager:

David

Date: Nov 01, 2023

Date: Nov 01, 2023

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