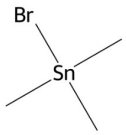
Scapex Exports Pvt. Ltd.
830, 8th Floor, Sun Gravitas, Times of India Road,
Shyamal, Ahmedabad 380015, Gujarat, India
+91 9925522674 · info@scapexexports.com
CIN U46909GJ2025PTC164345

CERTIFICATE OF ANALYSIS Standard product specification

Trimethyltin Bromide

CAS 1066-44-0 · C3H9BrSn · 95% min.



STRUCTURAL FORMULA

1. PRODUCT IDENTITY

Product name	Trimethyltin Bromide
C.A.S. number	1066-44-0
Molecular formula	C3H9BrSn
Molecular weight	243.72 g/mol
Grade / standard	95% min.
Description	Crystalline solid — appearance as per specification
Product group	Halogenated Intermediates
Category	Halogenated Building Blocks
Country of origin	India
Packing	Bags, drums, carboys, IBC or ISO tank as applicable — customer-specified packing available
Storage	Cool, dry, well-ventilated place in tightly closed original packing

2. ANALYTICAL SPECIFICATION

S. NO.	TEST PARAMETER	SPECIFICATION	TYPICAL RESULT	METHOD
1	Description	Crystalline solid — appearance as per specification	Complies	Visual
2	Identification	Conforms to the structure of the substance	Complies	FTIR / Chemical test
3	Solubility	As per specification	Complies	Visual / Monograph
4	Assay	Not less than 95.0 % w/w	95.53	Titrimetry / Instrumental

5	Loss on Drying	Not more than 1.0 % w/w	0.40	Gravimetry
6	Residue on Ignition	Not more than 0.5 % w/w	0.115	Gravimetry
7	Heavy Metals (as Pb)	Not more than 20 ppm	Less than 10 ppm	ICP-OES

3. DECLARATION

This document sets out the standard specification for Trimethyltin Bromide and applies to all consignments of this product and grade supplied by Scapex Exports Pvt. Ltd. It is not a lot-specific release document; a lot-specific certificate carrying the analysis of the material actually shipped is issued with, and travels with, each consignment. Scapex Exports supplies against customer-specified assay limits and pharmacopoeial standards — send your specification sheet and we confirm compliance in writing before the order is accepted.

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