

CERTIFICATE OF ANALYSIS

Product Name	Boron tribromide 1 M in DCM		
Synonyms	Boron tribromide 1 M in DCM		
CAS No	10294-33-4		
Product code	SYG00025	Batch No	LBOBF0705
Molecular Formula	BBr ₃	Molecular Weight	250.52
Mfg. Date	Jul-26	Expiry Date	Jun-27
Storage Conditions	Store at 2 to 8 °C temperature, tightly closed container		

Test	Specification	Results
Description	Clear Colorless to Brown Liquid	Clear Brown Liquid
Solubility	Soluble in THF, DCM	Complies
Molarity	NLT 1.0 M	1.04 M
Weight Per ml (at 250C)	1.460 to 1.467g/ml	1.467 g/ml
Assay (Chemical)	NLT 17.00 % w/w	18.17% w/w

Note:-

- Do not allow water to enter container. Handle and store under inert gas. The pressure in sealed containers can increase under the influence of heat.
- Becomes hazy upon storage but does not affect the specification. If precipitate is present gently mix back into the solution under an inert atmosphere.

Approved by
Dr. Gopinath PH. D

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