

CERTIFICATE OF ANALYSIS

Product Name	Diethylzinc 1 M in Hexane		
Synonyms	Diethylzinc solution		
CAS No	557-20-0		
Product code	SYG00054	Batch No	LDIBF0111
Molecular Formula	(C ₂ H ₅) ₂ Zn	Molecular Weight	123.51
Mfg. Date	Jan-25	Expiry Date	Sep-26
Storage Conditions	Store at room temperature, tightly closed container		

Test	Specification	Results
Description	Colorless to Yellow Liquid	Complies
Solubility	Soluble in Hexane, Toluene	Complies
Weight Per ml (at 250C)	0.718 to 0.722 g/ml	0.720g/ml
Molarity	NLT 1.0 M	1.04 M
Assay (Chemical)	NLT 15% w/w	17.15% w/w

NOTE: This substance is pyrophoric in contact with air and water; store at ambient temperature under an inert atmosphere.

Approved by
Dr. Gopinath PH. D

Computer Generated document, Does not require any Signature.