

CERTIFICATE OF ANALYSIS

Product Name	Lauric Acid (99%)	Batch No.	JL20240604
CAS	143-07-7	MF Date	JUN.04,2024
Packing	25kg/Bag	Analysis Date	JUN.04,2024
Quantity	3000kg	Expiry Date	JUN.03,2026
ITEM	STANDARD		RESULT
Product Form	Bead/Flake or Liquid at 45°C		Flake
Acid Value (mg KOH/g)	278-282		280
Saponification Value (mg KOH/g)	279-283		282
Iodine Value (cg I₂/g)	0.2 max		0.1
Colour (Lovibond 5 1/4" cell)	2.0Y,0.2R max		0.5Y,0.1R
Colour (APHA)	40 max		20
Titre (°C)	43.0-44.0		43.4
Carbon Chain Composition (%)			
C10&Below	1.0 max		0.1
C12	99.0 min		99.4
C14	1.0 max		0.3
Others	0.5 max		0.2
Conclusion	Qualified		


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