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CERTIFICATE OF ANALYSIS

Product Name: UNDECYLENIC ACID

CAS: 112-38-9

Batch No.: G260204		Date of Manufacture: 2026.02.04	
Batch Size: 2000kg		Date of Inspection: 2026.02.04	
Item	Specification	Test Result	
Appearance	White to off-white solid or colorless to pale yellow transparent liquid	Conforms	
Density	0.910 – 0.913	0.912	
Refractive Index (25°C)	1.4470 – 1.4480	1.4477	
Freezing Point	23.0 – 24.2°C	24°C	
Acid Value	298.0 – 306.0 mg KOH/g	303.84 mg KOH/g	
Saponification Value	298.0 – 306.0 mg KOH/g	304.18 mg KOH/g	
Iodine Value	131.0 – 138.0 g/100g	136.12 g/100g	
Purity (GC)	98.00%	99.37%	
Conclusion:	Conforms 		



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