

Certificate of Analysis

Date of Testing: 2024-12-27 16:45:05

Date of Next Testing: 2026-12-27 16:45:05

Product Name: **α -Methylene- γ -butyrolactone**

CAS Number: 547-65-9

Specifications & Purity: $\geq 95\%$, contains ~2% 2,6-di-tert-butyl-p-cresol as stabilizer

Lot #: L2426403

SKU #: M108009

Version: 0

Analysis #: 343523

Storage Temperature: Store at 2-8°C, Protected from light, Argon charged

Parameter	Limit Values	Result
Purity(GC)	95-100 (%)	98.57 %
Refractive index n ₂₀ /D	1.471-1.475	1.47
Density (20°C)	1.119-1.126	1.12
Appearance (M108009)	Colorless to light yellow liquid	Colorless to light yellow liquid
Infrared spectrum	Conforms to Structure	Conforms to Structure
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Stabilizer (~2% 2,6-Di-tert-butyl-p-cresol)	Conforms	Conforms



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