



CERTIFICATE OF ANALYSIS

The Power to Question

Catalog Number: sc-215076
Lot Number: SAMPLE
Product Name: Glycerol formal
CAS Number: 99569-11-6
Molecular Formula: $C_4H_8O_3$
Molecular Weight: 104.10

Test	Specification	Result
Appearance	Colorless liquid	Complies
Identification (1H-NMR)	Consistent with structure	Complies
Purity (GC)	$\geq 98.0\%$ (~60% 5-hydroxy-1,3-dioxane, ~40% 4-hydroxymethyl-1,3-dioxolane)	99.12% (56.38% 5-hydroxy-1,3-dioxane + 42.74% 4-hydroxymethyl-1,3-dioxolane)
Solubility	Colorless and clear at 0.5 ml in 5 ml water	Complies
Refractive Index (n _{20/D})	1.450 - 1.452	1.452
Stabilizer	Stabilized with ~0.02% 2,6-DL-tert-butyl-4-methylphenol	Complies

Satisfaction Guarantee: We appreciate your business and are committed to providing the highest level of quality and service. Any product that does not meet the performance standards indicated in our product literature will be replaced at no charge. Our policy is valid for one year from the date of your purchase.

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