



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-222939
Lot Number: SAMPLE
Product Name: 1,3-Cyclopentanediol, mixture of cis and trans
CAS Number: 59719-74-3
Molecular Formula: $C_5H_{10}O_2$
Molecular Weight: 102.13

Test	Specification	Result
Appearance (Color)	Colorless	Complies
Appearance (Form)	Viscous liquid, semi-solid, or solid	Complies
Identification (Infrared Spectrum)	Consistent with structure	Complies
Purity (GC)	$\geq 94.0\%$ (sum of isomers)	97.0%
Purity (GC)		85.0%(Cis isomer))
Purity (GC)		12.0% (Trans isomer)
Refractive Index (n ₂₀ /D)	1.481 - 1.487	1.485

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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