



*The Power to Question*

# CERTIFICATE OF ANALYSIS

Catalog Number: sc-207716  
Lot Number: SAMPLE  
Product Name: Glutaraldehyde solution, 50% w/w  
CAS Number: 111-30-8  
Molecular Formula:  $C_5H_8O_2$   
Molecular Weight: 100.12

Test	Specification	Result
Identification	Clear, colorless liquid	Complies
Dilution	No haze appears when diluted	Complies
pH	3.1 - 4.5 (at 25°C)	3.24
Specific Gravity	1.00 - 1.20 (at 20°C)	1.1275
Color (APHA)	< 100	5+
Content	Glutaraldehyde: 48-52% (by weight)	50.04%
Polymer/Monomer Ratio	$\leq 0.150$ (A235/A280)	0.15
Suspended Substances	Substantially from dirt, rust, and foreign material	Substantially free

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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