



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-250905
Lot Number: SAMPLE
Product Name: Rubidium hydroxide solution
CAS Number: 1310-82-3
Molecular Formula: RbOH
Molecular Weight: 102.48

Test	Specification	Result
Appearance	Colorless to pale yellow liquid	Colorless liquid
Assay	Rb ₂ CO ₃ , Typically Contains: < 3.0%	0.3%
Assay (Titration)	RbOH: 45.0 - 55.0% (with HCL)	48.6%
Purity (Trace Metal Analysis)	99.9%	Complies
Trace metal analysis	≤ 1500.0 ppm	480.3 ppm
Barium		377.4 ppm
Cesium		55.7 ppm
Lithium		3.2 ppm
Magnesium		0.1 ppm
Potassium		17.5 ppm
Sodium		19.3 ppm
Strontium		7.1 ppm

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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