

Product Specification

Keller's Reagent (Etchant)

Lot Number: SAMPLE

Product Number: R4250000

Manufacture Date: N/A

Expiration Date: N/A

Name	CAS#	Grade
Water	7732-18-5	ACS/ASTM/USP/EP
Nitric Acid	7697-37-2	ACS
Hydrochloric Acid	7647-01-0	ACS
Hydrofluoric Acid	7664-39-3	ACS

Test	Specification	Result
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Appearance	Colorless liquid	N/A
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Volumetric glassware complies with Class A tolerance requirements of ASTM E 288 and NIST Circular 434; it is calibrated before first use and recalibrated regularly in accordance with ASTM E 542 and NIST Procedure NBSIR 74-461. Balances are calibrated regularly with weights certified traceable to the NIST national mass standard. Thermometers and temperature probes are calibrated before first use and recalibrated regularly with a thermometer traceable to NIST standards. All products are prepared according to master documents that assure manufacture according to validated methods. Batch records document raw material traceability and production and testing history for each lot manufactured.

Part Number	Size / Package Type	Shelf Life (Unopened Container)
R4250000-100A	100 mL natural poly	24 months
R4250000-1A	1 L natural poly	24 months
R4250000-250A	250 mL natural poly	24 months
R4250000-4A	4 L natural poly	24 months
R4250000-500A	500 mL natural poly	24 months

Recommended Storage: 15°C - 30°C (59°F - 86°F)

This document is designed to comply with ISO Guide 31 "Reference Materials -- Contents of Certificates and Labels."

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