

Product Specification

Potassium Fluoride, 50% (w/v), Neutralized

Lot Number: SAMPLE

Product Number: 6101

Manufacture Date: N/A

Expiration Date: N/A

A trace of Phenolphthalein indicator was added to facilitate neutralization, giving this solution a slight pink color.

Name	CAS#	Grade
Water	7732-18-5	ACS/ASTM/USP/EP
Potassium Fluoride	7789-23-3	ACS
Potassium Hydroxide	1310-58-3	ACS

Test	Specification	Result
Appearance	Colorless to slightly pink liquid	N/A
Specific Gravity	1.34-1.36 at 25°C	N/A

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)
6101-2.5	10 L Cubitainer®	24 months
6101-32	1 L natural poly	24 months
6101-5	20 L Cubitainer®	24 months
6101-1	4 L natural poly	24 months
6101-16	500 mL natural poly	24 months

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

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