

Product Specification

Tin AA Standard, 1000 ppm Sn in 3% HNO₃/tr HF

Lot Number: SAMPLE

Product Number: ASN1KN

Manufacture Date: N/A

Expiration Date: N/A

The final solution concentration is confirmed by AA, ICP, or ICP-MS and traceable to NIST Standard Reference Material 3161a.

Name	CAS#	Grade
Water	7732-18-5	ACS/ASTM/USP/EP
Nitric Acid	7697-37-2	Trace Metals
Tin	7440-31-5	High Purity
Hydrofluoric Acid	7664-39-3	Trace Metals

Test	Specification	Result	NIST SRM#
Appearance	Colorless liquid	N/A	
Tin (Sn)	995-1005 ppm	N/A	3161

Specification	Reference
Tin AA, 1000 ppm in HNO ₃	EPA (200.9)
Tin AA, 1000 ppm in HNO ₃	EPA (282.1)
Tin AA, 1000 ppm in HNO ₃	EPA (282.2)

This standard is guaranteed to be stable and accurate provided the product is kept tightly capped and stored under normal laboratory conditions. Balances are calibrated using NIST traceable weights whose verification of maintenance and recalibration is documented per inhouse Standard Operating Procedures. Class A glassware is also calibrated and routinely rechecked per inhouse Standard Operating Procedures. Trace metal analyzed acids and Trace Metals Analyzed Water are used in the manufacture of this product. Triple cleaned containers are used in the manufacture of this product.

Part Number	Size / Package Type	Shelf Life (Unopened Container)
ASN1KN-100	100 mL natural LDPE	24 months
ASN1KN-500	500 mL natural poly	24 months

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



Katie Schnur
Quality Control Manager

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