

Certificate of Analysis

Rev 0



Quality System Audited & Registered
by NSF-ISR to ISO 9001:2008

Date Received _____

Date Certified 17-Apr-2017

Expiration Date 19-Oct-2018

Catalog No: 060090-05-01

Lot No: 1107010

Storage: Ambient

Matrix: 2% HNO₃

Container: 4 oz (125 mL) Narrow Mouth, HDPE clean

Description: Thorium 10 mg/L in 2% HNO₃, 100 mL



ISO 17025 Accredited Chemical Testing Lab
Cert. No. 3031.01

Element	Symbol	CAS No.	Source Lot No.	Purity %	Concentration mg/L
Thorium	Th	7440-29-1	7031.46.4P	99.99	10 +/- .05

Certified By: _____

Carrie Bibbins

This standard was prepared gravimetrically using balances calibrated with NIST traceable weights (NIST Test Number 822/264157-00). Only calibrated Class A volumetric glassware was used to prepare this standard. The concentration and uncertainty of this standard are calculated based on the weight and volumes used in the manufacturing process. The uncertainty value is calculated for a 95% confidence interval with a k value of 2. Sub-boiled distilled acid and 18 megaohm deionized water were used to stabilize the product. All raw materials were checked for stoichiometry and purity prior to use. This standard has been spectrometrically certified by an independent source, which is directly traceable to NIST.

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