

Yttrium (Y) Standard Solution

Art. ID	NIST-3167a
Unit	5 x 10 mL
Deliverydetails	ADR Excepted Quantity (EQ) / AIR Excepted Quantity (EQ) UN1760 II E2

Description

This Standard Reference Material (SRM®) is intended for use as a primary calibration standard for the quantitative determination of yttrium. A unit of NIST-3167a consists of five 10 mL sealed borosilicate glass ampoules of an acidified aqueous solution prepared gravimetrically from high-purity yttrium (III) oxide to contain a known mass fraction of yttrium. The solution contains nitric acid at a volume fraction of approximately 10 %, which is equivalent to an amount-of-substance concentration (molarity) of approximately 1.6 mol/L. /// Sample value(s) - please ask for current certificate.

Text/Information	Analyte/Parameter	CAS number	Concentration/Value	Unit	Method	Source
	Yttrium (Y)	[7440-65-5]	9,993 ± 0,025	mg/g		