



LABPRO CHEM

"Essential Laboratory Chemicals For Scientific Research and Experimentation, Ensuring Accuracy And Precision In Every Process."

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CERTIFICATE OF ANALYSIS

Product Name: Arsenazo III AR (Reagent for Thorium)

CAT Number: LA0481

CAS Number: 1668-00-4

Batch Number: 030AR

Date of Manufacture: June 2025

Date of Expiry: May 2030

Test Parameter	Specification	Result
Appearance	Dark green crystalline powder	Complies
Assay ($C_{22}H_{16}As_2N_6O_{14}S_2$)	$\geq 98\%$	98.5%
Melting Point	$\geq 300^\circ C$ (decomposes)	Complies
Loss on Drying	$\leq 0.5\%$	0.2%
Solubility	Soluble in water, gives blue-violet solution	Complies
pH (1% solution)	5.5 – 7.0	6.0
Heavy Metals (as Pb)	≤ 10 ppm	2 ppm
Iron (Fe)	≤ 10 ppm	3 ppm
Mesh Size	Passes 100 mesh	Complies

Approved By

(Quality Control Department)

Date: 23/06/2025

For, LABPRO CHEM

AUTH SIGNATORY

Signature: _____

TESTED BY
PREM SINGH

APPROVED BY
SHAKIL AHMED