



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: AMARANTH

Catalogue No.: LA0230

CAS No.: 915-67-3

Batch No.: 405VV

Date of Manufacture: June 2025

Date of Expiry: May 2030

TEST	SPECIFICATION	RESULT
Description	Dark red to reddish-brown powder	Complies
Solubility	Soluble in water, giving red solution	Complies
Identification (UV/Vis)	λ_{max} at ~520 nm	Complies
Dye Content	NLT 85%	86.4%
Moisture Content (LOD)	NMT 10%	7.2%
pH (1% solution)	4.5 – 6.5	5.3
Residue on Ignition	NMT 0.1%	0.04%
Arsenic (As)	NMT 3 ppm	<3 ppm
Lead (Pb)	NMT 10 ppm	<10 ppm
Heavy Metals (as Pb)	NMT 20 ppm	<20 ppm

Approved By

(Quality Control Department)

Date: 23/06/2025

For LABPRO CHEM
AUTH SIGNATORY

Signature: _____

TESTED BY
PREM SINGH

APPROVED BY
SHAKIL AHMED