

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

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## **CERTIFICATE OF ANALYSIS**

**Product Name:** ALUMINIUM SULPHIDE 98%

Catalogue No.: LA0225 CAS No.: 1302-81-4 Batch No.: 605HG

**Date of Manufacture:** June 2025

Date of Expiry: May 2030

TEST	SPECIFICATION	RESULT
Description	Greyish-white to off-white powder	Complies
Solubility	Reacts with water to form H₂S gas	Complies
Identification	Should respond to tests for Al <sup>3+</sup> and S <sup>2-</sup>	Complies
Purity (Al₂S₃)	NLT 98%	98.4%
Moisture Content	NMT 1.0%	0.6%
Free Aluminium	NMT 0.5%	0.2%
Sulphide Content (as S)	52% – 56%	53.5%
Heavy Metals	NMT 20 ppm	<20 ppm

## **Approved By**

(Quality Control Department)

Date: 23/06/2025

FOI LABORD CHEM

Signature:

TESTED BY PREM SINGH

APPROVED BY SHAKIL AHMED