

SAMPLE DOCUMENT — FOR ILLUSTRATION PURPOSES ONLY. This is a template showing the typical layout and fields of an ammonium sulfate Certificate of Analysis. Batch data, test results, and signatures below are placeholders and are not verified laboratory results. Always request the current, batch-specific COA from the manufacturer before making a purchasing decision.

BARSAVA SEPEHR PART CO.

BARNO® Crystalline Ammonium Sulfate

Production Facility: Iran | www.barsavasepehr.com | export@barsavasepehr.com (sample)

CERTIFICATE OF ANALYSIS

Ammonium Sulfate — Fertilizer Grade

Product Name:	Ammonium Sulfate (Crystalline)	Certificate No.:	SAMPLE-COA-000000
Grade / Analysis:	21-0-0-24S (21% N / 24% S)	Batch / Lot No.:	BS-2026-XXXXX
Production Date:	[dd month yyyy]	Issue Date:	[dd month yyyy]
Quantity Represented:	[XX,XXX] MT	Packaging:	Bulk / Jumbo Bag / 50 kg Bag
Destination / Order Ref.:	[Buyer name / PO number]		Vessel / Container No.: [Reference number]

Laboratory Test Results

Parameter	Test Method (ref.)	Specification Limit	Test Result	Status
Total Nitrogen (N)	ISO / AOAC ref.	Min. 21.0 %	[XX.X] %	[Pass]
Total Sulfur (S, as sulfate)	ISO / AOAC ref.	Min. 24.0 %	[XX.X] %	[Pass]
Moisture Content	ISO 760 / oven method	Max. 0.3 %	[X.XX] %	[Pass]
Free Acidity (as H2SO4)	Titrimetric	Max. 0.05 %	[X.XXX] %	[Pass]
Particle Size (crystalline)	Sieve analysis	0.5 – 2.0 mm (typ.)	[range] mm	[Pass]
Color / Appearance	Visual	White to off-white crystals	[Observed]	[Pass]
Bulk Density	Standard method	[Reference range]	[X.XX] g/cm3	[Pass]
Heavy Metals (as required)	As agreed w/ buyer	[Per contract]	[Result]	[Pass]

All bracketed values [] are placeholders to be replaced with the manufacturer's verified, batch-specific laboratory results. Test methods should be confirmed with the issuing laboratory and referenced buyer contract or purchase specification.

Grade Notation Reference

This batch is represented against the standard fertilizer-grade ammonium sulfate analysis of 21-0-0-24S (approximately 21% nitrogen, 24% sulfur), commonly referred to in the trade as “ammonium sulfate 21-24.” This notation describes nutrient content only and does not indicate physical form; both crystalline and granular ammonium sulfate are typically produced to this same nutrient specification.

Conclusion

Based on the above laboratory results, the referenced batch of ammonium sulfate **[conforms / does not conform]** to the agreed product specification for the order referenced above.

Quality Control Manager (sample signature)

Name: [Placeholder Name]

Date: [dd month yyyy]

Authorized Representative (sample signature)

Name: [Placeholder Name]

Company Stamp / Seal (sample)

This is a sample/template Certificate of Analysis created for illustrative and educational purposes. It is not an official BARSAVA SEPEHR / BARNO document and carries no verified test data. For an authentic Certificate of Analysis, request the current, batch-specific COA directly from the manufacturer.