



ContinVeSt Ltd., Sofia, 1111, Blvd. Shipchenski prohod No. 18. Block "D" Fl. 5, Office 505

CERTIFICATE OF ANALYSIS № 16/ 11.02.2025

Product: **ALUMINUM SULFATE** Crystal hydrate
/ **ALUMINUM SULPHATE, Solid - Powder** /
ORIGIN/PRODUCER– ContinVeSt Ltd.- Sofia, Bulgaria

Quantity: 22 000 kg

Packaging: 880 big bags*25 kg on pallets

Transport: WWO 654 / T339 NJ

Molecular formula: $\text{Al}_2\text{O}_{12}\text{S}_3 \cdot (14-18)\text{H}_2\text{O}$ **Molar weight:** 342.14

CAS No: 17927-65-0

EC No: 233-135-0

Batch № 160125

Production date: 01.2025

Expiry date: 01.2027

Appearance – White to greyish/bluish powder

Indicators	Measure	Value	Result	Method
Aluminum oxide (Al_2O_3)	%	17.0 ± 0.3	17.1	EN
Aluminum content (Al^{3+})	%	7.2-9.1	9.01	EN
Specific Density	kg/m^3	1000 ± 100	Responds	EN
Active substance content	mol/kg	± 3.3	Responds	EN
Iron (Fe) content	g/kg Al	1.60	0.021	EN
Water insoluble substances	g/kg Al	max. 23	<1.0	EN
Free acids (H_2SO_4)	%	< 0	---	EN
Arsenic content (As)	mg/kg Al	max. 14	<4.0	EN
Cadmium content (Cd)	mg/kg Al	max. 3.0	<2.0	EN
Chromium content (Cr)	mg/kg Al	max. 30	<4.0	EN
Mercury content (Hg)	mg/kg Al	max. 4.0	0.35	EN
Nickel content (Ni)	mg/kg Al	max. 20	<4.0	EN
Lead content (Pb)	mg/kg Al	max. 40	<19	EN
Antimony content (Sb)	mg/kg Al	max. 20	<4.0	EN
Selenium content (Se)	mg/kg Al	max. 20	<4.0	EN
Suspended matters	g/kg	< 1	0.3	EN
Granulometry	mm	0-3	Responds	EN
Solubility (15°C)	g/l	410	Responds	EN

Analysis methods are according to **BDS EN 878:2016 (identical to EN 878:2016)**.

DATE: 11.02.2025

