

EU DECLARATION OF CONFORMITY PFC 1(C)(I)(a)(i)(A)

No. 1/2026

According to Regulation (EU) 2019/1009

1. *EU fertilizing product*: production dates 2026.01.12 – 2026.04.12 / batch No 11 – 200.
2. *Manufacturer's name and address*:
AB "Achema"
Jonalaukio k. 1, Jonavos sen., LT - 55296 Jonava region, Lithuania
Tel.: +370 349 56242, +370 349 56433. Fax: +370 349 56004. E-mail: info@achema.com, sales@achema.com, site www.achema.lt
3. *This EU Declaration of Conformity is issued under the sole responsibility of the manufacturer.*
4. *Object of the Declaration*: **AMMONIUM NITRATE**. Other possible trade names: **LITHUANIAN AMMONIUM NITRATE**. EC No. **229-347-8**, CAS No. **6484-52-2**.



5. *The object of the declaration described above is in conformity with*:
— Regulation (EU) 2019/1009 PFC 1(C)(I)(a)(i)(A) Straight solid inorganic macronutrient ammonium nitrate fertiliser of high nitrogen content.
6. *References to the relevant harmonised standards or to the common specifications used or references to the other technical specifications in relation to which conformity is declared*:

Parameter	Norm	Result	Compliance with the standard	Standard
Amount of total nitrogen (N), % by mass	34.4 ± 2.0	34.9	Conforms	EN 15476
Amount of nitrogen in the form of nitrate nitrogen, % by mass	17.2 ± 2.0	17.47	Conforms	EN 15476 / EN 15475
Amount of nitrogen in the form of ammoniacal nitrogen, % by mass	17.2 ± 2.0	17.43	Conforms	EN 15475
Organic carbon content, % by mass	≤ 1	0.016	Conforms	(EC) No. 2003/2003 an. III m. 3
Cadmium (Cd), mg/kg of dry matter	≤ 3	< 0.1*	Conforms	ISO 17318
Hexavalent chromium (Cr VI), mg/kg of dry matter	≤ 2	< 1*	Conforms	EN 16318
Mercury (Hg), mg/kg of dry matter	≤ 1	< 0.01*	Conforms	ISO 17318
Nickel (Ni), mg/kg dry matter	≤ 100	0.3	Conforms	EN 16963
Lead (Pb), mg/kg of dry matter	≤ 120	< 0.1*	Conforms	ISO 17318
Arsenic (As), mg/kg dry matter	≤ 40	< 0.01*	Conforms	ISO 17318
Burette (C ₂ H ₅ N ₃ O ₂), g/kg dry matter	≤ 12	< 0.01*	Conforms	AOAC 976.01-1980
Perchlorate (ClO ₄ ⁻), mg/kg dry matter	≤ 50	< 10 *	Conforms	EN 17246
Zinc (Zn) content, mg/kg of dry matter	≤ 1500	0.4	Conforms	EN 16964 / EN 16963
Oil retention after two thermal cycles, mass%	≤ 4	1.69	Conforms	Clause 4.1 of Module A1 in Annex IV, Part II, of (EU) 2019/1009
Detonation resistance	Passes	Passes	Conforms	Clauses 4.3 and 4.4 of Module A1 in Annex IV, Part II, of (EU) 2019/1009
Amount of combustible materials measured in carbon (C) content, mass%	≤ 0.2 %	0.016	Conforms	(EC) No. 2003/2003 an. III m. 3
The pH value of the solution (10 g of fertilizing product dissolved in 100 ml of water).	≥ 4.5	6.30	Conforms	(EC) No. 2003/2003 an. III m. 4
The amount of product spilled through a sieve with a mesh size of 1 mm, mass%	≤ 5	0.3	Conforms	(EC) No. 2003/2003 an. III m. 5
The amount of product spilled through a sieve with a mesh size of 0.5 mm, mass%	≤ 3	0	Conforms	(EC) No. 2003/2003 an. III m. 5
Copper (Cu) content, mg/kg dry matter	≤ 10	0.1	Conforms	EN 16964 / EN 16963
Chlorine (Cl) content, mg/kg	≤ 200	3	Conforms	(EC) No. 2003/2003 an. III m. 6

* - limit of detection (LOD)

7. *Notified body* Inspectorate Estonia AS 2947 carried out the conformity assessment procedure of the EU fertilizing product according to the A1 module of Regulation (EU) 2019/1009 and issued the certificate or approval decision No. EETAL-26-00027-1.1.

9. *Additional information*: Signed on behalf of manufacturer:

Place and date of issue of EU Declaration of Conformity: AB Achema, 16th of January, 2026.

Name, surname, officer of the signatory:

Head of Laboratory Control Center Raimonda Griniene

