

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

No 2/2025

According to Regulation (EU) 2019/1009

1. *EU fertilizing product*: produced on 24th of January, 2022 / Batch No 49.
2. *Manufacturer's name and address*:
AB Achema
Jonalaukio k. 1, Jonavos sen., LT - 55296 Jonava region, Lithuania
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3. *This EU Declaration of Conformity is issued under the sole responsibility of the manufacturer.*
4. *Object of the Declaration*: **NITROGEN FERTILIZER WITH SULPHUR NS 27-4,5**. Another possible trade name: LITHUANIAN NITROGEN FERTILIZER WITH SULPHUR NS 27-4,5.



5. *The object of the declaration described above is in conformity with*:
— Regulation (EU) 2019/1009 PFC 1(C)(I)(a)(i) Straight Solid Inorganic Macronutrient Fertiliser.
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*	Assessment of Conformity	Standard
Amount of total nitrogen (N), % by mass	27.0 ± 2.0	26.4 ± 0.6	Conforms	PN-EN 15476:2009
Amount of nitrogen in the form of nitrate nitrogen, % by mass	13.5 ± 2.0	12.7 ± 0.6	Conforms	PB 34, ed. III: 02.03.2020
Amount of nitrogen in the form of ammoniacal nitrogen, % by mass	13.5 ± 2.0	13.7 ± 0.5	Conforms	PN-EN 15475:2009
Amount of total sulfur trioxide (SO ₃), mass%	11.3 ± 2.0	10.0 ± 0.4	Conforms	PN-EN 15960:2011, PN-EN 15749:2012 A metodas
Content of water-soluble sulfur trioxide (SO ₃), mass%	5.75 ± 2.0	6.68 ± 0.27	Conforms	PN-EN 15961:2017-02, PN-EN 15749:2012 A metodas
Amount of total calcium oxide (CaO), % mass	9.0 ± 2.0	8.78 ± 0.35	Conforms	PN-EN 15960:2011, PN-EN 16196:2013
Amount of water-soluble calcium oxide (CaO), % by mass	7.0 ± 2.0	5.80 ± 0.41	Conforms	PN-EN 15961:2017-02, PN-EN 16196:2013
Mass fraction of water, % by mass (by drying method)	≤ 0.4	0.32 ± 0.03	Conforms	PN-C-87010:1999
Cadmium (Cd), mg/kg of dry matter	≤ 3	< (1.0 ± 0.2)	Conforms	PB 35 ed. III z 02.03.2020, PN-EN 16319+A1:2016-02 excluding p. 8.2
Hexavalent chromium (Cr VI), mg/kg of dry matter	≤ 2	0.27 ± 0.05	Conforms	PN-EN 16318+A1:2016-03
Mercury (Hg), mg/kg of dry matter	≤ 1	< (0.002 ± 0.001)**	Conforms	Regulation of the Minister of Economy 08.09.2010 (Dz.U.2010 Nr 183, poz. 1229) – Anex 3, p.4
Nickel (Ni), mg/kg dry matter	≤ 100	3.09 ± 0.49	Conforms	PB 35 wyd. III z 02.03.2020, PN-EN 16319+A1:2016-02 excluding p. 8.2
Lead (Pb), mg/kg of dry matter	≤ 120	< (8.0 ± 1.8)	Conforms	PB 35 ed. III z 02.03.2020, PN-EN 16319+A1:2016-02 excluding p. 8.2
Arsenic (As), mg/kg dry matter	≤ 40	< (4.0 ± 1.0)	Conforms	PB 35 ed. III z 02.03.2020, PN-EN 16317+A1:2017-04 excluding p. 8.2
Burette (C ₂ H ₅ N ₃ O ₂), g/kg dry matter	≤ 12	1.56 ± 0.26	Conforms	PN-EN 15479:2009
Perchlorate (ClO ₄ ⁻), mg/kg dry matter	≤ 50	< (5.0 ± 1.0)	Conforms	PN-EN 17246:2019-12
Copper (Cu) content, mg/kg dry matter	≤ 600	< (10 ± 1)**	Conforms	PN-EN 16964:2018-03, PN-EN 16965:2018-03
Zinc (Zn) content, mg/kg of dry matter	≤ 1500	< (10 ± 2)**	Conforms	PN-EN 16964:2018-03, PN-EN 16965:2018-03
Organic carbon content, % by mass	≤ 1	-	Conforms	EN 15936

* - Analysis results are given y±U. The given extended uncertainty (U) is based on standard uncertainty multiplied by extension factor k=2 providing confidence level of 95%.

** - Lower limit of the measuring range of the accredited method.

9. *Additional information*: Signed for and on behalf of manufacturer:
Place and date of issue of EU Declaration of Conformity: AB Achema, 22nd of July, 2025.
Name, surname, office of the signatory:

Head of Laboratory Control Center Raimonda Griniene

