

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

No 1/2025

According to Regulation (EU) 2019/1009

1. *EU fertilizing product*: produced on 1st of February 2022 / Batch No -.

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*: **LIQUID NITROGEN FERTILIZERS (UAN) UAN-32**. Another possible trade name: "RSMLIT 32% N".



5. *The object of the declaration described above is in conformity with:*

— Regulation (EU) 2019/1009 PFC 1(C)(I)(b)(i) Straight liquid 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	32.0 ± 2.0	31.4 ± 1.2	Conforms	PN-EN 15750:2009 A method
Amount of nitrogen in the form of nitrate nitrogen, % by mass	8.0 ± 2.0	8.93 ± 0.51	Conforms	PN-EN 15604:2012
Amount of nitrogen in the form of ammoniacal nitrogen, % by mass	8.0 ± 2.0	7.32 ± 0.29	Conforms	PN-EN 15604:2012
Nitrogen content in the form of urea nitrogen, % by mass	16.0 ± 2.0	15.1 ± 0.9	Conforms	PN-EN 15604:2012
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	0.18 ± 0.04	Conforms	PN-EN 16318+A1:2016-03
Mercury (Hg), mg/kg of dry matter	≤ 1	< (0.003 ± 0.001) **	Conforms	Regulation of the Minister of Economy 08.09.2010 (Dz.U.2010 Nr 183, poz. 1229) – Annex 3, p.4
Nickel (Ni), mg/kg dry matter	≤ 100	< (1.00 ± 0.16) **	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	4.07 ± 0.69	Conforms	PN-EN 15479:2009
Perchlorate (ClO ₄ ⁻), mg/kg dry matter	≤ 50	< (6.4 ± 1.3)	Conforms	PN-EN 17246:2019-12
Copper (Cu) content, mg/kg dry matter	≤ 600	< (13 ± 2) **	Conforms	PN-EN 16964:2018-03, PN-EN 16965:2018-03
Zinc (Zn) content, mg/kg of dry matter	≤ 1500	< (13 ± 2) **	Conforms	PN-EN 16964:2018-03, PN-EN 16965:2018-03

* - 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, 5th of March, 2025

Name, surname, office of the signatory:

Head of Laboratory Control Center Raimonda Grinienė

