

UNCOATED UREA N 46%**TECHNICAL SPECIFICATIONS****No: 00080/11/2023****PRODUCT NAME :** UNCOATED UREA N 46%**CAS:** 57-13-6**EC:** 200-315-5**REACH:** 01-2119463277-33**APPLICATION:** Production of high purity urea solution (for example AdBlue®).**APPEARANCE :** white, homogenous granules**1. CHARACTERISTICS**

Parameter	Unit	Limit
Bulk density	[kg/dm ³]	0.70 - 0.78
Granulometry	[mm]	1 - 3 min. 90%

2. QUALITY PARAMETERS

Parameter	Unit	Limit
Total nitrogen content	[%]	46
Alkalinity as NH ₃	[%]	0.6
Content of biuret	[%]	0.80
Content of formaldehyde	[mg/kg]	15
Content of phosphates as PO ₄	[mg/kg]	1.5
Content of calcium	[mg/kg]	1.5
Content of iron	[mg/kg]	1.5
Content of cooper	[mg/kg]	0.6
Content of zinc	[mg/kg]	0.6
Content of chromium	[mg/kg]	0.6
Content of nickel	[mg/kg]	0.6
Content of aluminum	[mg/kg]	1.5
Content of magnesium	[mg/kg]	1.5
Content of sodium	[mg/kg]	1.5
Content of potassium	[mg/kg]	1.5

The data contained in this certificate were prepared on the basis of certificates and quality standards of suppliers or manufacturers and on the basis of tests in the factory laboratory.

The recipient is not released from the control of the raw material at the time of acceptance, and the parameters given do not replace the tests carried out after delivery. It is the user's responsibility to carry out an analysis of the suitability and acceptable use of the product in the planned application.

3. PACKING, STORAGE AND TRANSPORT

Product is packed in 1000 kg big-bags (tolerance of weight +/- 1%).

Storage in conditions protected against moisture, away from heat and fire sources. Road transport – product is not classified as hazardous material according to UN Orange Book and international transport codes, for example ADR (road transport).

Prepared by

M.Sc. Łukasz S. Ujma

An electronic document does not require a seal or signature.