

Certificate of Analysis

Urea N46.2 %

This is to certify that an EU based and ISO 17025

Description of Fertilizing Product (as labelled): Urea N 46.2 % (GOST 2081-2010 mark B, sample № 88)

Parameter	Unit	Criteria as declared by manufacturer	Actual result	Method
Total Urea Nitrogen (N)	%wt dry matter	Min 46,2	46,22	EVS-EN 15478:2009
Biuret in urea	%wt dry matter	Max 1	0,84	EVS-EN 15479:2009
Chlorine (Cl-)	%wt	n/a	0,002	EVS-EN 16195:2012*
Nickel (Ni)	mg/kg dry matter	Max 100	0,3	EVS-EN 13650:2002 / EVS-EN 16319:2013 +A1:2015
Cadmium (Cd)	mg/kg dry matter	Max 3	0,5	ISO 17318:2015
Mercury (Hg)	mg/kg dry matter	Max 1	0,01	ISO 17318:2015
Lead (Pb)	mg/kg dry matter	Max 120	0,5	ISO 17318:2015
Arsenic (As)	mg/kg dry matter	Max 40	0,01	ISO 17318:2015
Hexavalent chromium (Cr VI)	mg/kg dry matter	Max 2	1	EVS-EN 16318:2013+A1:2016
Perchlorate (ClO ₄ -)	mg/kg dry matter	Max 50	10	EVS-EN 17246:2019*
Copper (Cu)	mg/kg dry matter	Max 600	0,1	EVS-EN 16964:2018 / EVS-EN 16963:2018
Zinc (Zn)	mg/kg dry matter	Max 1500	0,2	EVS-EN 16964:2018 / EVS-EN 16963:2018
Granulometric composition:				ISO 8397:1988
under 1 mm	%wt	5% max	3,1	
1 – 4 mm under	%wt	94% min	96,9	
6 mm	%wt	100%	100	
Appearance	-	prills	prills	By visual*

* - Method is not accredited

