



CERTIFICATE OF ANALYSIS

Product : **UREA**
Product number : U1363
Batch number : 018571
Date of production : xx-12-2023
Date of analysis : xx-06-2024
Expiry date : 31-12-2028

Packaging and storage : store at room temperature in a well-closed container

	SPECIFICATION	RESULT	UNITS	REMARKS
Appearance	colourless crystals or white crystalline powder	complies		
Identification:	conform	complies		
- A (melting point)	conform	complies		
- B (IR-spectrum)	conform	complies		
Solubility	soluble in water		g/l	1080 g/l 20 °C
Appearance of solution	clear and colourless	complies		5% in H ₂ O
Impurities (total)	≤ 2.00	< 2.00	%	
Alkalinity	conform	complies		
Biuret	≤ 0.1	< 0.1	%	
Alcohol insoluble matter	≤ 0.04	< 0.04	%	
Sulphated ash	≤ 0.10	0.04	%	
Loss on drying	≤ 1.0	< 0.1	%	
Residue on ignition	≤ 0.10	< 0.10	%	
Assay	98.5 – 101.5	99.2	%	dried substance

This certificate of analysis is conform the results of the manufacturer.

Conclusion: approved

Released by:

drs. M. van Wissen, pharmacist
Department of Quality Control Duchefa B.V.

Date: 10-06-2024

The buyer is responsible to test each batch to ensure the product is suitable for their specific purpose.