

# CERTIFICATE OF ANALYSIS

Product : **UREA**  
Product number : U1363  
Batch number : 017617  
Date of production : xx-05-2022  
Date of analysis : xx-03-2023  
Expiry date : 31-05-2027

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 (smeltpunt)	conform EP, BP, USP	complies		
- B (IR-spectrum)	conform EP, BP	complies		
Solubility	soluble in water		g/l	1080 g/l 20 °C
Appearance of solution	clear and colourless	complies		5% in H <sub>2</sub> O
Impurities (Total)	≤ 2.00	< 0.05	%	
Alkalinity	conform	complies		
Biuret	≤ 0.1	< 0.1	%	
Alcohol insoluble matter	≤ 0.04	< 0.04	%	
Sulphated ash	≤ 0.10	< 0.10	%	
Loss on drying	≤ 1.0	< 1.0	%	
Residue on ignition	≤ 0.10	< 0.10	%	
Assay	≥ 98.5-101.5	100.4	%	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: 22-03-2023



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

Duchefa Biochemie B.V.