

CERTIFICATE OF ANALYSIS

Product : **UREA**
 Product number : U1363
 Batch number : 015486
 Date of production : xx-07-2019
 Date of analysis : xx-06-2020
 Expiry date : 31-07-2024

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 ₂ O
Melting range	132 – 135	133.1	°C	
Alkalinity	conform	complies		
Biuret	≤ 0.1	< 0.1	%	
Alcohol insoluble matter	≤ 0.04	< 0.01	%	
Heavy metals (as Pb)	≤ 10	< 0.1	mg/kg	
Loss on drying	≤ 1.00	0.04	%	
Residue on ignition	≤ 0.10	< 0.01	%	
Assay	≥ 99	99.9	%	dried substance

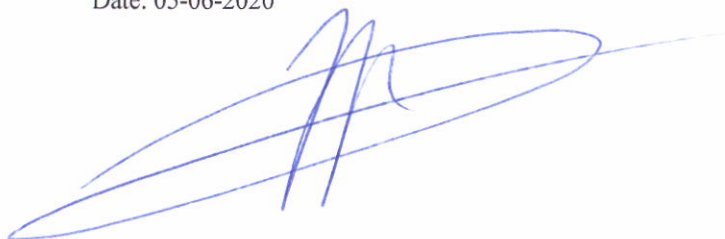
This certificate of analysis is conform the results of the manufacturer.

Conclusion: approved

Released by:

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

Date: 05-06-2020



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

Duchefa Biochemie B.V.