



CERTIFICATE OF ANALYSIS

Product : **POTASSIUM CHLORIDE**
Product number : P0515
Batch number : 019273
Date of production : 23-06-2024
Date of expiry : 30-06-2029

Packaging and storage : in a well closed container

	SPECIFICATION	RESULT	UNITS	REMARKS
Appearance	white or almost white, crystalline powder or colourless crystals	complies		
Solubility	freely soluble in water, practically insoluble in anhydrous ethanol	complies		
Identification:				
- A (chlorides)	conform	complies		
- B (potassium)	conform	complies		
Appearance of solution	clear and colourless	complies		10 % in water
Acidity or alkalinity	conform	complies		
Bromides	< 0.1	< 0.1	%	
Iodides	conform	complies		
Sulfates	≤ 300	< 300	ppm	
Heavy metals	≤ 10	< 10	ppm	
Iron	≤ 20	< 20	ppm	
Magnesium and alkaline-earth metal	≤ 200	< 200	ppm	
Sodium	≤ 0.1	< 0.1	%	
Aluminum	≤ 1.0	< 1.0	ppm	
Bacterial endotoxins	≤ 5	< 5	E.U. /g	
Loss on drying	≤ 1.0	< 1.0	%	105 °C
Assay	99.0 – 101.0	100.0	%	dried substance

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

Conclusion: approved

Released by:

Date: 06-05-2025

Q. de Hoog, MSc, pharmacist
Department of Quality Control Duchefa Biochemie B.V.

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

Duchefa Biochemie B.V.