

## CERTIFICATE OF ANALYSIS

Product : **POTASSIUM NITRATE**  
 Product number : P0519  
 Batch number : 019017  
 Date of manufacturing : 07-01-2025  
 Date of expiry : 31-01-2030

Packaging and storage : in a well-closed container, in a cool and dry place (< 25°C / < 65% air humidity)

	SPECIFICATION	RESULT	UNITS	REMARKS
Identification	conform	complies		
Solubility	soluble in water	complies		20°C / 320 g/l
Appearance of solution	clear and colourless	complies		
Oxidizing substances	conform	complies		
Acidity or alkalinity	conform	complies		
Chloride	≤ 0.002	< 0.0005	%	
Sulphates	≤ 0.015	< 0.002	%	
Sodium	≤ 0.1	< 0.02	%	
Lead	≤ 0.001	< 0.0001	%	
Iron	≤ 0.001	< 0.0002	%	
Loss on drying	≤ 0.5	< 0.1	%	105°C
Assay	99.0 – 101.0	100.0	%	dried

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

Conclusion: approved

Released by:



J. van der Eem, MSc, pharmacist  
 Department of Quality Control Duchefa B.V.

Date: 21-01-2025

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

Duchefa Biochemie B.V.