

# CERTIFICATE OF ANALYSIS

Product : **POTASSIUM NITRATE**  
Product number : P0519  
Batch number : 017927  
Date of manufacturing : 05-07-2023  
Date of expiry : 31-07-2028

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	< 0.0002	%	
Sulphates	≤ 0.015	< 0.005	%	
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	100.1	%	dried

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

Conclusion: approved

Released by:

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

Date: 19-07-2023

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

Duchefa Biochemie B.V.