

# CERTIFICATE OF ANALYSIS

Product : **POTASSIUM NITRATE**  
 Product number : P0519  
 Batch number : 015700  
 Date of manufacturing : xx-04-2020  
 Date of expiry : 30-04-2025

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		
Reducing substances	conform	complies		
Acidity or alkalinity	conform	complies		
Chlorate	conform	complies		
Sulphates	≤ 1000.0	< 1000.0	mg/kg	
Sodium	≤ 0.1	< 0.1	%	
Lead	≤ 4.0	< 4.0	mg/kg	
Heavy metals	≤ 10.0	< 10.0	mg/kg	as Pb
Loss on drying	≤ 0.50	< 0.14	%	EP
Assay	99.0 – 101.0	99.9	%	EP

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: 10-09-2020



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

Duchefa Biochemie B.V.