

# CERTIFICATE OF ANALYSIS

Product : **POTASSIUM NITRATE**  
 Product number : P0519  
 Batch number : 016238  
 Date of manufacturing : xx-02-2021  
 Date of expiry : 28-02-2026  
  
 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	≤ 1000.0	< 1000.0	mg/kg	
Lead	≤ 4.00	< 4.00	mg/kg	
Iron	≤ 20.00	< 20.00	mg/kg	as Pb
Loss on drying	≤ 0.50	< 0.03	%	EP
Assay	99.0 – 101.0	99.3	%	EP

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: 07-06-2021

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

Duchefa Biochemie B.V.