

# CERTIFICATE OF ANALYSIS

Product : **POTASSIUM NITRATE**  
 Product number : P0519  
 Batch number : 017582  
 Date of manufacturing : xx-11-2022  
 Date of expiry : 30-11-2027

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               | 0.18     | %     | EP             |
| Assay                  | 99.0 – 101.0         | 99.0     | %     | 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: 21-11-2023



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

Duchefa Biochemie B.V.