

CERTIFICATE OF ANALYSIS

Product : **POTASSIUM NITRATE**
 Product number : P0519
 Batch number : 019018
 Date of manufacturing : 02-01-2025
 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 | 0.0002 | % | |
| Sulphates | ≤ 0.015 | < 0.002 | % | |
| Sodium | ≤ 0.1 | 0.01 | % | |
| Lead | ≤ 0.001 | < 0.0001 | % | |
| Iron | ≤ 0.001 | < 0.0002 | % | |
| Loss on drying | ≤ 0.5 | < 0.1 | % | 105°C |
| Assay | 99.0 – 101.0 | 99.9 | % | dried |

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

Conclusion: approved

Released by:



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 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.