



CERTIFICATE OF ANALYSIS

Product : **POTASSIUM CHLORIDE**
Product number : P0515
Batch number : 015971
Date of production : 05-09-2020
Date of expiry : 30-09-2025

Packaging and storage : in a well closed container

| | SPECIFICATION | RESULT | UNITS | REMARKS |
|------------------------------------|---|----------|-------|-----------------|
| Appearance | white or almost white, crystalline powder or colourless crystals | complies | | |
| Solubility | freely soluble in water, practically insoluble in anhydrous ethanol | complies | | |
| Identification: | | | | |
| - A (chlorides) | conform | complies | | |
| - B (potassium) | conform | complies | | |
| Appearance of solution | clear and colourless | complies | | 10 % in water |
| Acidity or alkalinity | conform | complies | | |
| Bromides | < 0.1 | < 0.1 | % | |
| Iodides | conform | complies | | |
| Sulfates | < 300 | < 300 | ppm | |
| Barium | conform | complies | | |
| Iron | < 20 | < 20 | ppm | |
| Magnesium and alkaline-earth metal | < 200 | < 200 | ppm | |
| Sodium | < 0.1 | < 0.1 | % | |
| Aluminum | < 1.0 | < 1.0 | ppm | |
| Loss on drying | ≤ 1.0 | < 1.0 | % | 105 °C |
| Assay | 99.0 – 101.0 | 100.1 | % | dried substance |

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: 27-01-2021

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

Duchefa Biochemie B.V.

