



CERTIFICATE OF ANALYSIS

Product : **KINETIN**
Product number : K0905
Batch number : 016337
Date of production : xx-05-2021
Date of expiry : 31-05-2024

Packaging and storage : in a well-closed container, at a temperature between 2 – 8°C

| | SPECIFICATION | RESULT | UNITS | REMARKS |
|---------------------------------|---|---------------|--------------|----------------------------|
| Appearance | white to almost white powder, odourless and free of foreign matter | complies | | |
| Solubility | soluble in diluted solutions of HCl and NaOH, slightly soluble in ethanol | complies | | |
| Identification: | | | | |
| - IR-spectrum | conform | complies | | |
| - UV-spectrum (max. absorption) | 266 – 270 | 267.5 | nm | 0.001% in H ₂ O |
| - HPLC | conform | complies | | |
| Loss on drying | ≤ 1.0 | 0.2 | % | |
| Related substances | ≤ 2.0 | < 2.0 | % | HPLC |
| Assay | 98.0 – 102.0 | 101.5 | % | dried substance, HPLC |

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: 13-07-2021

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

Duchefa Biochemie B.V.