



## CERTIFICATE OF ANALYSIS

Product : **NICOTINIC ACID**  
Product number : N0611  
Batch number : 019315  
Date of manufacturing : 02-05-2024  
Date of analysis : 11-06-2024  
Date of expiry : 31-05-2029

Packaging and storage : store at room temperature in a well closed container

|                             | SPECIFICATION                             | RESULT   | UNITS | REMARKS         |
|-----------------------------|---|----------|-------|-----------------|
| Appearance                  | white to almost white, crystalline powder | complies |       |                 |
| Identification              | conform                                   | complies |       | IR-spectrum     |
| Melting point               | 234 – 238                                 | 237      | °C    |                 |
| Chloride (Cl)               | ≤ 200                                     | ≤ 200    | ppm   |                 |
| Sulphate (SO <sub>4</sub> ) | ≤ 200                                     | ≤ 200    | ppm   |                 |
| Specified impurities        | conform                                   | complies | %     | HPLC            |
| Total impurities            | ≤ 0.05                                    | < 0.03   | %     | HPLC            |
| Sulphated ash               | ≤ 0.1                                     | < 0.1    | %     |                 |
| Loss on drying              | ≤ 0.5                                     | 0.1      | %     |                 |
| Assay                       | 98.0 – 102.0                              | 99.1     | %     | dried substance |

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

Conclusion: approved

Released by:

S. Bayat, MSc, pharmacist

Department of Quality Control Duchefa Biochemie B.V.

Date: 02-06-2025

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

Duchefa Biochemie B.V.

