



# CERTIFICATE OF ANALYSIS

Product : **CYANOCOBALAMIN**  
Product number : C0726  
Batch number : 019080  
Date of analysis : 06-09-2024  
Expiry date : 30-09-2029

Packaging and storage : store in a well-closed container

|                        | <b>SPECIFICATION</b>                    | <b>RESULT</b> | <b>UNITS</b> | <b>REMARKS</b>  |
|------------------------|---|---------------|--------------|-----------------|
| Appearance             | dark red crystalline powder or crystals | complies      |              |                 |
| Identification:        |   |               |              |                 |
| - A (UV-spectrum)      | conform                                 | complies      |              |                 |
| Unspecified impurities | ≤ 0.2                                   | 0.1           | %            |                 |
| Loss on drying         | ≤ 10                                    | 1.2           | %            |                 |
| Total impurity         | ≤ 3.0                                   | 0.7           | %            |                 |
| Assay                  | 97.0 – 102.0                            | 99.2          | %            | dried substance |

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

Conclusion: approved  
Released by:

Date: 10-02-2025

Q. de Hoog, MSc, pharmacist  
Department of Quality Control Duchefa B.V.

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

Duchefa Biochemie B.V.