

CERTIFICATE OF ANALYSIS

Product : **RIBOFLAVIN**
Product number : R0613
Batch number : 017661
Date of analysis : 08-04-2021
Date of expiration : 31-07-2024

Packaging and storage : store in airtight container, protected from light

| | SPECIFICATION | RESULT | UNITS | REMARKS |
|--------------------|---|----------|-------|---|
| Appearance | orange-yellow crystalline powder | complies | | |
| Solubility | very slightly soluble in water, practically insoluble in alcohol | complies | | |
| Identification | conform | complies | | |
| Specific rotation | -115 – -135 | -131 | ° | 0.5% in 0.05 M NaOH, dried substance |
| Absorbance | conform | complies | | |
| Related substances | conform | complies | % | HPLC |
| Loss on drying | ≤ 1.5 | 0.7 | % | 100 – 105°C |
| Sulphated ash | ≤ 0.1 | < 0.0 | % | |
| Assay | 97.0 – 103.0 | 99.3 | % | dried substance |

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

Conclusion: approved

Released by:

Date: 07-04-2023

drs. J. van der Eem, pharmacist
Department of Quality Control Duchefa B.V.

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

Duchefa Biochemie B.V.