

## CERTIFICATE OF ANALYSIS

Product : LUCIFERIN (D-) free acid

 Product number
 : L1349

 Batch number
 : 017388

 Date of production
 : 28-12-2021

 Date of expiry
 : 31-12-2026

Packaging and storage : store in a well-closed container at -20 °C, protect from light and moisture

SPECIFICATION RESULT UNITS REMARKS Appearance yellowish powder complies Identification positive complies LCMS/NMR Water content % < 0.05 > 99.0 > 99.0 Assay % **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: 04-11-2022

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

Duchefa Biochemie B.V.