

CERTIFICATE OF ANALYSIS

Product : **4-METHYLUMBELLIFERYL- β -D-GLUCURONIDE TRIHYDRATE (MUG trihydrate)**
Product number : M1404
Batch number : 017481
Date of analysis : 04-01-2023
Date of expiry : 31-01-2026

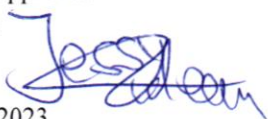
Storage conditions : store dry at 2 – 8 °C

	SPECIFICATION	RESULT	UNITS	REMARKS
Appearance	almost white powder	complies		
Identity	conform	complies		IR-spectrum
Appearance of solution	clear and colourless	complies		2.5% in 1:1 acetone/water
Water content	12.3 – 14.3	13.4	%	Karl Fischer
Free 4-Methylumbelliferone	< 25	< 25	ppm	TLC
Assay	≥ 99	> 99	%	TLC

This certificate of analysis is conform the results of the manufacturer and controlled by M.G. Smith, Q.C. Manager.

Conclusion: approved

Released by:



Date: 06-01-2023

J. van der Eem, 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.