



## CERTIFICATE OF ANALYSIS

Product : **MOPS**  
(4-morpholinopropanesulfonic acid)  
Product number : M1502  
Batch number : 019349  
Date of analysis : 23-11-2022  
Date of expiry : 30-11-2026  
  
Packaging and storage : store at room temperature in a well-closed container

	SPECIFICATION	RESULT	UNITS	REMARKS
Appearance	white powder	complies		
Solubility	clear and complete	complies		33% in water
Loss on drying	≤ 1.0	0.39	%	
Identification	conform	complies		NMR
pH	3.6 – 4.4	3.66		1% in water
Assay	≥ 99.0 – 101.0	99.38	%	titration, dried substance

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

Conclusion: approved

Released by:

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

Date: 18-06-2025

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

Duchefa Biochemie B.V.