



## CERTIFICATE OF ANALYSIS

Product : **THIAMINE HYDROCHLORIDE**  
Product number : T0614  
Batch number : 019201  
Date of production : 11-12-2023  
Date of analysis : 11-12-2023  
Date of expiry : 31-12-2028  
  
Storage conditions : in well-closed non metallic container, protected from light

	SPECIFICATION	RESULT	UNITS	REMARKS
Appearance	white or almost white crystalline powder	complies		
Solubility	soluble in water	complies		
Identification	conform	complies		
Appearance of solution	conform	complies		5% in H <sub>2</sub> O
pH	2.7 – 3.3	3.0		2.5% in H <sub>2</sub> O
Nitrate	conform	complies		
Sulphates	≤ 300	< 300	ppm	
Water	≤ 5.00	3.50	%	
Sulphated ash	≤ 0.10	0.01	%	
Absorbance of solution	≤ 0.025	0.005		
Related substances	conform	complies		
Assay	98.5 – 101.0	100.1	%	

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

Conclusion: approved

Released by:

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Department of Quality Control Duchefa B.V.

Date: 15-04-2025

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

Duchefa Biochemie B.V.