

Analytical Data Sheet

Lot number	1000040872 not for drug use
Catalog number	G-2355.0001
Product	H-His-Tyr-OH
Product number	4001317.0001
Molecular formula (net)	C ₁₅ H ₁₈ N ₄ O ₄
Molecular mass (average)	318.3

Tests	Results
Components	
Appearance	
Color	white
Physical form	powder
Visible impurities	none
Appearance of solution	
Clarity	clear
Color of solution	slightly yellow
Visible impurities	none
Solvent and concentration	50 mg/mL in water
Identification (TLC)	
R _f value	complies
Purity (TLC)	
Purity	> 97%
CAT Other amino acids (GC-MS)	
Other amino acids	< 0.20%
Assay (titration)	
Assay (titration, net)	90.4%
Water content (Karl Fischer volumetric)	
Water content	1.6%

CAT Analysis performed by C.A.T. GmbH & Co Chromatographie und Analysentechnik KG, Heerweg 10, 72070 Tübingen, Germany

Bachem AG
Hauptstrasse 144
4416 Bubendorf
Switzerland
Tel.: +41 58 595 2021

BACHEM

Lot number	1000040872
Catalog number	G-2355.0001
Product	H-His-Tyr-OH

This Analytical Data Sheet is based on reviewed analytical data and is valid without handwritten signatures.

Date created: November 06, 2020