

Analytical Data Sheet

Lot number	1000031483 not for drug use
Catalog number	E-1905.0050
Product	H-Glu(OMe)-OMe · HCl
Product number	4001646.0050
Molecular formula (net)	C ₇ H ₁₃ NO ₄ · HCl
Molecular mass (average)	211.7

Tests	Results
Components	
Appearance	
Appearance	complies [white powder]
Appearance of solution	
Appearance of solution	complies [clear, colorless solution in methanol (50 mg/mL)]
Identification (TLC)	
R _f value	complies [complies]
Purity and related impurities (TLC)	
Purity	> 99%
H-Glu(OMe)-OH · HCl	< 0.2%
H-Glu-OMe · HCl	< 0.2%
H-Glu-OH · HCl	< 0.2%
CAT Enantiomer content (GC)	
D-enantiomer	< 0.05% (LOQ)
SOL Assay (elemental analysis)	
Assay (EA, as is)	98.6%
Water content (Karl Fischer coulometric)	
Water content	0.71%
Chloride content (titration)	
Chloride content	16.6%

Lot number	1000031483
Catalog number	E-1905.0050
Product	H-Glu(OMe)-OMe · HCl

Tests	Results
-------	---------

Components

Residual organic solvents (GC)

Acetone	678 mg/kg
Methanol	< 23 mg/kg (LOD)
Dimethylformamide	< 54 mg/kg (LOD)

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

SOL Analysis performed by Solvias AG, Römerpark 2, 4303 Kaiseraugst, AG, Switzerland

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

Date created: June 03, 2020
