

Analytical Data Sheet

Lot number	1000039000 not for drug use
Catalog number	F-2515.0025
Product	H-Pen-OH
Product number	4031087.0025
Molecular formula (net)	C ₅ H ₁₁ NO ₂ S
Molecular mass (average)	149.2

Tests	Results
Components	
Appearance	
Appearance	complies [white powder]
Appearance of solution	
Appearance of solution	complies [clear, colorless solution in water (50 mg/mL)]
Identification (TLC)	
R _f value	complies [complies]
Purity and related impurities (HPLC)	
Purity	98.6%
Penicillamine disulfide	0.92%
Total unspecified impurities	0.44%
CAT Enantiomer content (chiral chromatography)	
D-enantiomer	< 0.10% (LOQ)
Assay (elemental analysis)	
Assay (EA, as is)	98.6%

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

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

Date created: September 29, 2020