

Analytical Data Sheet

Lot number

1050056

not for drug use

Catalog Number	F-3460.0005
Product number	4025952.0005
Product	H- 2, 5- Diiodo- His- OH · HCl
Molecular formula	C ₆ H ₇ I ₂ N ₃ O ₂ · HCl
Relative molecular mass	443.41

Tests	Results								
Appearance	beige powder								
Appearance of solution	clear, yellow solution (25 mg/ml in DMF / H ₂ O (2 : 1))								
Identification (elemental analysis)	<table border="0"> <tr> <td>Theory</td> <td>Found</td> </tr> <tr> <td>C = 16.0 %</td> <td>C = 16.0 %</td> </tr> <tr> <td>H = 1.9 %</td> <td>H = 1.8 %</td> </tr> <tr> <td>N = 9.3 %</td> <td>N = 9.2 %</td> </tr> </table>	Theory	Found	C = 16.0 %	C = 16.0 %	H = 1.9 %	H = 1.8 %	N = 9.3 %	N = 9.2 %
Theory	Found								
C = 16.0 %	C = 16.0 %								
H = 1.9 %	H = 1.8 %								
N = 9.3 %	N = 9.2 %								
Identification (TLC)	complies with authentic material								
Purity (TLC)	> 98%								
TLC conditions	chloroform/methanol/acetic acid 32% 5/3/1 ethylacetate/pyridine/acetic acid/H ₂ O 60/30/9/16.5 chloroform/methanol/acetic acid/H ₂ O 60/45/14/6 plate : silicagel 60 F ₂₅₄ detected by: UV, ninhydrin, IRH								
Chloride content (titration)	9.2%								
Latest update: September 23, 2013	Analytical Data Sheet Lot number 1050056								