

Analytical Data Sheet

Lot number **1000024513**
not for drug use

Catalog number **L-1525.0001**
Product number **4007367.0001**
Product **H- Asp- pNA · HCl**
Molecular formula **C₁₀H₁₁N₃O₅ · HCl**
Relative molecular mass **289.70**

Tests	Results
Appearance	light yellowish powder
Appearance of solution	clear, slightly yellowish solution (50 mg/ml in MeOH)
Identification (elemental analysis)	Theory Found C = 41.46 % C = 41.34 % H = 4.18 % H = 4.20 % N = 14.51 % N = 14.23 %
Identification (TLC)	conforms with authentic material
Purity (TLC)	> 99%
Related impurities (TLC)	< 0.1% pNA
TLC conditions	chloroform/methanol/acetic acid/H ₂ O 70/42/0.5/10 chloroform/methanol/acetic acid 32% 5/3/1 plate: silicagel 60 F ₂₅₄ detected by: UV, ninhydrin, chlorine-tolidine
Assay (elemental analysis)	98.1% (Nth 14.51 %, Nfd 14.23 %)
Water content (KF coulometric)	1.3%
Chloride content (titration)	12.1% (AgNO ₃)

Latest update: November 08, 2019

Analytical Data Sheet
Lot number **1000024513**