

Analytical Data Sheet

Lot number

1052362

not for drug use

Catalog Number	H-1176.0050
Product number	4016784.0050
Product	H- Asp- Asn- Gln- OH
Molecular formula	C ₁₃ H ₂₁ N ₅ O ₈
Relative molecular mass	375.34

Tests	Results
Appearance	white powder
Appearance of solution	clear, colorless solution (5 % in 1N HCl)
Purity (TLC)	> 99%
TLC conditions	isopropanol/ammonia conc. 1/1 chloroform/methanol/benzene/H ₂ O 8/8/8/1 n-butanol/acetic acid/H ₂ O 4/2/2 plate: silicagel 60 F ₂₅₄ detected by: UV, ninhydrin, chlorine-tolidine
Water content (KF volumetric)	9.8%
Latest update: February 19, 2014	Analytical Data Sheet Lot number 1052362