

Analytical Data Sheet

Lot number

1037824

not for drug use

Catalog Number	F-3240.0025
Product number	4025548.0025
Product	H- DL- Asp(OMe) - OH · HCl
Molecular formula	C ₅ H ₉ NO ₄ · HCl
Relative molecular mass	183.59

Tests	Results
Appearance	white powder
Appearance of solution	clear, colorless solution (50mg/ml in MeOH)
Identification (TLC)	complies with authentic material
Purity (TLC)	> 99%
TLC conditions	methanol/chloroform/ammonia 17% 2/2/1 n-butanol/acetic acid/H ₂ O 4/2/2 n-butanol/acetic acid/H ₂ O 4/2/2 plate: silicagel 60 F ₂₅₄ detected by: UV, chlorine-tolidine, ninhydrin
Assay (elemental analysis)	78.7% (Cth 40.82 %, Cfd 32.13 %)
Water content (KF volumetric)	0.2%
Latest update: July 18, 2011	