

Analytical Data Sheet

Lot number **1073943**
not for drug use

Catalog number **A-1250.0005**
Product number **4002944.0005**
Product **Boc- D- Asp(OBzl) - OH**
Molecular formula $C_{16}H_{21}NO_6$
Relative molecular mass 323.35

Tests	Results								
Appearance	white powder								
Appearance of solution	clear, colorless solution (50 mg/ml in methanol)								
Identification (elemental analysis)	<table><thead><tr><th>Theory</th><th>Found</th></tr></thead><tbody><tr><td>C = 59.43 %</td><td>C = 59.13 %</td></tr><tr><td>H = 6.55 %</td><td>H = 6.47 %</td></tr><tr><td>N = 4.33 %</td><td>N = 4.31 %</td></tr></tbody></table>	Theory	Found	C = 59.43 %	C = 59.13 %	H = 6.55 %	H = 6.47 %	N = 4.33 %	N = 4.31 %
Theory	Found								
C = 59.43 %	C = 59.13 %								
H = 6.55 %	H = 6.47 %								
N = 4.33 %	N = 4.31 %								
Identification (TLC)	complies with authentic material								
Melting point	103 °C								
Specific optical rotation	$[\alpha]_D^{24} = +19.1^\circ$ (2 % in dimethylformamide)								
Purity (TLC)	> 99%								
TLC conditions	chloroform/methanol/benzene/H ₂ O 8/8/8/1 chloroform/ethylacetate/acetic acid 50/50/2 benzene/dioxane/acetic acid 95/25/4 plate: silicagel 60 F ₂₅₄ detected by: UV, ninhydrin, chlorine-tolidine N, N, N, N-Tetramethyl-4, 4-diamino-diphenyl-methane								

Latest update: November 08, 2017

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