



INDOFINE Chemical Company, Inc.

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Certificate of Analysis

Catalog Number	04-438
Product Name	H-Cys(Bzl)-OMe•HCl S-Benzyl-L-cysteine methyl ester hydrochloride
Lot Number	121905-1
CAS Registry Number	16741-80-3
Molecular Formula	$C_{11}H_{15}NO_2S \cdot HCl$
Molecular Weight	261.8
Melting Point	149-151°C
Specific Optical Rotation	$\alpha_D^{20} = -11.66^\circ$ (C=1.0, Water)
Purity (HPLC)	99%
Storage	Store at -0°C

HPLC Conditions

Column	Beckman Ultrasphere 5 μ m, 250x4.6 mm, 150 Å
Guard Column	Supel Guard LC-18-DB, 2 cm
Retention Time, min	17.78
Sample preparation	2 mg/1 ml 100% Acetonitrile/Water
Injection volume, μ l	5
Method /Detection at, nm	Gradient 0-50% A(2) A = 99.9% Water, 0.1% TFA B = 95% Acetonitrile, 4.9% Water, 0.1% TFA 30 min, flow rate = 1.0 ml / min

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