

Analytical Data Sheet

Lot number

1017206

not for drug use

Catalog Number	A-1305.0025
Product number	4011151.0025
Product	Boc- Cys(Bzl) – OSu
Molecular formula	C ₁₉ H ₂₄ N ₂ O ₆ S
Relative molecular mass	408.48

Tests	Results
Appearance	white powder
Appearance of solution	clear, colorless solution (50 mg/ml in acetone)
Identification (TLC)	complies with authentic material
Melting point	121 °C
Specific optical rotation	$[\alpha]_D^{24} = -55.8^\circ$ (2 % dioxane)
Purity (HPLC)	99.9% (TEAP)
TLC conditions	chloroform/ethylacetate/acetic acid 50/50/2 benzene/dioxane/acetic acid 95/25/4 chloroform/methanol 95/5 plate: silicagel 60 F ₂₅₄ detected by: UV, ninhydrin, chlorine–tolidine
Latest update: October 24, 2008	

Analytical Data Sheet
Lot number **1017206**