

Analytical Data Sheet

Lot number **1063063**
not for drug use

Catalog number **A-3945.0025**
Product number **4029316.0025**
Product **Boc- L- thiazolidine- 4- carboxylic acid**
Molecular formula **C₉H₁₅NO₄S**
Relative molecular mass **233.29**

Tests	Results
Appearance	white powder
Appearance of solution	clear, colorless solution (50mg/ml in methanol)
Identification (TLC)	complies with authentic material
Melting point	134 °C
Specific optical rotation	$[\alpha]_D^{24} = -129.7^\circ$ (1% in acetic acid)
Purity (TLC)	> 99%
TLC conditions	chloroform/methanol/toluene/H ₂ O 8/8/8/1 toluene/dioxane/acetic acid 95/25/4 chloroform/methanol/acetic acid 90/8/2 plate: silicagel 60 F ₂₅₄ detected by: UV, ninhydrin, TMB
Assay (titration)	98.9% (TBAH)

Latest update: December 11, 2015

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