

Analytical Data Sheet

Lot number **1060497**
not for drug use

Catalog number **A-3430.0001**
Product number **4018212.0001**
Product **Boc- N- Me- Arg(Mtr) - OH**
Molecular formula **C₂₂H₃₆N₄O₇S**
Relative molecular mass **500.62**

Tests	Results
Appearance	white powder
Appearance of solution	clear, colorless solution (50 mg/ml in ethylacetate)
Identification (TLC)	complies with authentic material
Purity (TLC)	> 99%
Related impurities (TLC)	< 0.2% N-Me-Arg(Mtr)-OH
TLC conditions	chloroform/methanol/acetic acid/H ₂ O 85/13/0.5/1.5 chloroform/methanol/acetic acid 77.5/15/7.5 ethylacetate/pyridine/acetic acid/H ₂ O 60/10/3/4 plate: silicagel 60 F ₂₅₄ detected by: UV, ninhydrin, chlorine-tolidine
Assay (titration)	92.8% (TBAH)

Latest update: July 22, 2015

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