

Analytical Data Sheet

Lot number **1070264**
not for drug use

Catalog number **F-3180.0050**
Product number **4025428.0050**
Product **S- Methyl- L- thiocitrulline acetate salt**
Molecular formula **C₇H₁₅N₃O₂S**
Relative molecular mass **205.28**

Tests	Results
Appearance	white powder
Appearance of solution	clear, colorless solution (50 mg/ml in H ₂ O)
Identification (FAB-MS)	[M + H] ⁺ : m/z = 206 u
Purity (TLC)	> 99%
TLC conditions	chloroform/methanol/acetic acid/H ₂ O 60/45/14/6 isopropanol/ammonia conc. 1/1 n-butanol/acetic acid/H ₂ O 4/2/2 plate: silicagel 60 F ₂₅₄ detected by: UV, ninhydrin, chlorine-tolidine
Effective content	77.1%
Water content (KF volumetric)	0.4%
Acetic acid content (IC)	22.9%

Latest update: February 17, 2017

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