

Analytical Data Sheet

Lot number **1070676**
not for drug use

Catalog number **F-2970.1000**
Product number **4017146.1000**
Product **H- trans- 4, 5- Dehydro- DL- Lys- OH · 2 HCl**
Molecular formula **C₆H₁₂N₂O₂ · 2 HCl**
Relative molecular mass **217.09**

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 = 145 u
Melting point	209 °C
Purity (TLC)	> 99%
TLC conditions	n-butanol/acetic acid/H ₂ O 4/2/2 isopropanol/ammonia conc. 1/1 plate: silicagel 60 F ₂₅₄ detected by: UV, ninhydrin, chlorine-tolidine
Chloride content (titration)	32.5%

Latest update: March 09, 2017

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