

Analytical Data Sheet

Lot number **1061359**
not for drug use

Catalog number **H-5920.0050**
Product number **4010640.0050**
Product **Bursin (avian)**
H- Lys- His- Gly- NH₂
Molecular formula **C₁₄H₂₅N₇O₃**
Relative molecular mass **339.40**

Tests	Results
Appearance	white powder
Appearance of solution	clear, colorless solution (50 mg/mL in methanol)
Identification (ESI-MS)	m= 339.4u (average mass)
Identification (TLC)	complies with authentic material
Purity (HPLC)	96.1% (IP C7)
Purity (TLC)	> 95%
TLC conditions	isopropanol/ammonia conc. 1/1 methanol/chloroform/ammonia 17% 2/2/1 plate: silicagel 60 F ₂₅₄ detected by: UV, ninhydrin, TMB
Assay (elemental analysis)	67.9% (Nth 28.89%, Nfd 19.61%)
General comment	Product supplied as hydrochloride salt.
General comment	Hygroscopic product.

Latest update: September 03, 2015

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