

Analytical Data Sheet

Lot number **1071538**
not for drug use

Catalog number **G-4745.0250**
Product number **4033407.0250**
Product **H- D- Glu(Trp- OH) - OH**
Molecular formula **C₁₆H₁₉N₃O₅**
Relative molecular mass **333.34**

Tests	Results
Appearance	off-white powder
Appearance of solution	clear, colorless solution (50 mg/mL in AcOH 80 %)
Identification (TLC)	complies with authentic material
Melting point	210 °C
Purity (TLC)	> 98%
TLC conditions	n-butanol/acetic acid/H ₂ O 4/2/2 chloroform/methanol/acetic acid/H ₂ O 60/45/14/6 ethylacetate/pyridine/acetic acid/H ₂ O 60/60/12/36 plate: silicagel 60 F ₂₅₄ detected: UV, ninhydrin, chlorine-tolidine
Assay (elemental analysis)	97.7% (Nth 12.61 %, Nfd 12.32 %)

Latest update: May 02, 2017

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