

Analytical Data Sheet

Lot number **1074476**
not for drug use

Catalog number **G-2605.0005**
Product number **4030830.0005**
Product **H- Leu- Trp- OH**
Molecular formula $C_{17}H_{23}N_3O_3$
Relative molecular mass 317.39

Tests	Results
Appearance	white powder
Appearance of solution	clear, slightly pink solution (50 mg/ml in acetic acid 80 %)
Identification (TLC)	complies with authentic material
Purity (TLC)	> 99%
TLC conditions	ethylacetate/pyridine/acetic acid/H ₂ O 60/20/6/11 n-butanol/acetic acid/H ₂ O 4/2/2 plate: silicagel 60 F ₂₅₄ detected by: UV, ninhydrin, chlorine-tolidine
Assay (elemental analysis)	93.4% (Nth 13.24 %, Nfd 12.37 %)
Water content (KF volumetric)	5.1%
General comment	product is sensitive to light

Latest update: November 24, 2017

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