

Analytical Data Sheet

Lot number **1065006**
not for drug use

Catalog number **F-3585.0001**
Product number **4027709.0001**
Product **H- p- Carboxy- Phe(OtBu) - OH**
Molecular formula **C₁₄H₁₉NO₄**
Relative molecular mass **265.31**

Tests	Results
Appearance	white powder
Appearance of solution	clear, colorless solution (50 mg/mL in AcOH 80 %)
Identification (TLC)	complies with authentic material
Purity (TLC)	> 98%
TLC conditions	chloroform/methanol/acetic acid 32% 5/3/1 chloroform/methanol/acetic acid/H ₂ O 70/42/0.5/10 n-butanol/acetic acid/H ₂ O 4/2/2 plate: silicagel 60 F ₂₅₄ detected: UV, ninhydrin, chlorine-tolidine
Assay (elemental analysis)	95.9% (Cth 60.78 %, Cfd 63.38 %)
Assay (titration)	95.6% (HClO ₄)
Water content (KF volumetric)	4.1%

Latest update: March 23, 2016

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