

Analytical Data Sheet

Lot number **1060839**
not for drug use

Catalog number **B-1600.0001**
Product number **4008692.0001**
Product **Fmoc- Tyr(SO₃H) - OH barium salt**
Molecular formula **C₂₄H₂₁NO₈S**
Relative molecular mass **483.50**

Tests	Results
Appearance	white powder
Appearance of solution	clear, colorless solution (50 mg/mL in dimethylformamide)
Identification (ESI-MS)	m = 483.5u (average mass)
Identification (TLC)	complies with authentic material
Purity (HPLC)	97.1% (TFA)
Purity (TLC)	> 99%
TLC conditions	chloroform/methanol/acetic acid/H ₂ O 70/42/0.5/10 chloroform/methanol/acetic acid 32% 5/3/1 plate: silicagel 60 F ₂₅₄ detected by: UV, ninhydrin, chlorine-tolidine
Assay (elemental analysis)	75.4% (Cth 59.62%, Cfd 44.97%)
Water content (KF volumetric)	2.4%

Latest update: August 10, 2015

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