

## Analytical Data Sheet

Lot number

**1069197**

not for drug use

Catalog number	B-2250.0001
Product number	4019724.0001
Product	Fmoc- Homocit- OH
Molecular formula	C <sub>22</sub> H <sub>25</sub> N <sub>3</sub> O <sub>5</sub>
Relative molecular mass	411.46

Tests	Results
Appearance	white powder
Appearance of solution	clear, colorless solution (50 mg/mL in 90% tetrahydrofuran)
Identification (TLC)	complies with authentic material
Purity (HPLC)	99.6% (TFA)
Purity (TLC)	> 99%
TLC conditions	chloroform/methanol/acetic acid/H <sub>2</sub> O 70/42/0.5/10 ethylacetate/pyridine/acetic acid/H <sub>2</sub> O 60/30/9/16.5 chloroform/methanol/acetic acid 32% 5/3/1 plate: silicagel 60 F <sub>254</sub> detected by: UV, ninhydrin, TMB
Enantiomer content (chiral chromatography)	< 0.1% D-enantiomer
Assay (titration)	99.2% (TBAH)
Water content (KF volumetric)	0.2%

Latest update: December 22, 2016

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