

# Analytical Data Sheet

Lot number

## 1024236

not for drug use

<b>Catalog Number</b>	<b>B-2855.1000</b>
<b>Product number</b>	<b>4026654.1000</b>
<b>Product</b>	<b>N, S- Bis- Fmoc- glutathione</b> Fmoc- Glu(Cys(Fmoc) - Gly- OH) - OH
<b>Molecular formula</b>	$C_{40}H_{37}N_3O_{10}S$
<b>Relative molecular mass</b>	751.81

Tests	Results
<b>Appearance</b>	white powder
<b>Appearance of solution</b>	clear, colorless solution (50 mg/mL in dioxane)
<b>Identification (TLC)</b>	complies with authentic material
<b>Melting point</b>	185 °C
<b>Purity (HPLC)</b>	99.4% (TFA)
<b>Purity (TLC)</b>	> 99%
<b>TLC conditions</b>	chloroform/methanol/acetic acid/H <sub>2</sub> O 45/13/1/2 chloroform/methanol/acetic acid/H <sub>2</sub> O 70/42/0.5/10 plate: silicagel 60 F <sub>254</sub> detected by: UV, ninhydrin, chlorine-tolidine
<b>Assay (titration)</b>	98.6% (TBAH)
<b>Water content (KF volumetric)</b>	1.1%

Latest update: July 08, 2009

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