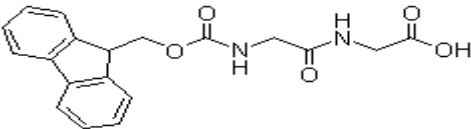




HANGZHOU DINGYAN CHEM CO., LTD  
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## CERTIFICATE OF ANALYSIS

NO: DYC081503236

Product name	Fmoc-Gly-Gly-OH
CAS Number	35665-38-4
Molecule Structure	
Molecule Formula	C <sub>19</sub> H <sub>18</sub> N <sub>2</sub> O <sub>5</sub>
Batch number	20141203
Manufacture Date	2014-12-03
Testing date	2014-12-03
Store at:	Cool dry place(<25°C)

Tests	Specifications	Results
Appearance	White to off white powder	White powder
Purity(HPLC)	≥98%	99.91%
TLC	≥98%	>98%
Element analysis(C、H、N)	≤5% ≤1.0%(70 ° C, 2h)	<5% 0.78%
Loss on drying	0.3 gram in 2ml DMF clear solution	Complies
Clarity of solution		0.754%
Water Content(K.F.)	≤1.0%	Complies
IR Spectrum	In accordance with the standard	Complies
Mass Spectrum	In accordance with the standard	Complies
NMR Spectrum	In accordance with the standard	Complies

Hangzhou Dingyan Chem Co., Ltd.  
Quality Control  
QUALITY CONTROL:  CHECK: 姚仙娟 INSPECTOR: 刘清风