

MP Biomedicals, LLC29525 Fountain Parkway
Solon, Ohio 44139Telephone: 440/337-1200
Toll Free: 800/854-0530

Certificate of Analysis

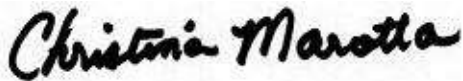
Product Description: N-Acetyl-DL-tryptophan
Catalog Number: 100142
Lot: M8230**Formula:** C₁₃H₁₄N₂O₃
CAS #: 87-32-1
Physical Description: Off-white Powder**Formula Weight:** 246.27
Storage: +4°C, desiccate

Test	Specification	Result
Identity Test	Passes	Passes
Purity	~99%	99.93%
FTIR	Conforms to Standard	Conforms to Standard
Melting Point	200 - 210°C	204.4 - 205.7°C
Loss on Drying	≤0.5%	0.16%
UV/VIS: λ max (water)	280 ± 2 nm	282 nm
Optical Rotation (c=1, 1N NaOH, 24 hrs.)	0° ± 2°	0°

Clarity of solution: 0.07%

Mass spectrum: In accordance with the standard

NMR spectrum: In accordance with the standard

11/26/2013 - Christina Marotta
MP Biomedicals, LLC.
Technical DirectorThis is an electronically generated document
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