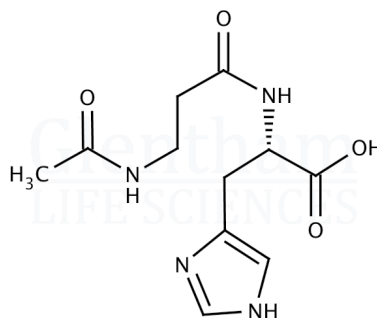


Certificate of Analysis

| | |
|---------------|----------------------|
| Product Name | N-Acetyl-L-carnosine |
| Glentham Code | GM8692 |
| CAS Number | 56353-15-2 |
| EINECS | 260-123-2 |
| PubChem SID | 310265488 |
| Batch Number | 127SGL |

| | |
|-------------------|---|
| Molecular Weight | 268.27 |
| Molecular Formula | C ₁₁ H ₁₆ N ₄ O ₄ |
| Storage Temp. | +20°C |



| Property | Specification | Batch 127SGL |
|--|---|----------------------------|
| Physical Description | White to off-white powder | Off-white powder |
| Solubility (1% in methanol) | Clear, colourless to very faint yellow solution | Clear, colourless solution |
| Specific Optical Rotation ([α] _{20/D}) | +24.5 - +27.5 ° (c=2, water) | +27.2° |
| Loss on Drying | ≤ 5.0% (80°C, vac., 1h) | 3.5% |
| Assay | ≥ 98.0% | 99.5% |

| | |
|-----------------------|------------|
| Specification Version | v1.0 |
| Manufacture Date | 2020-12-30 |
| Re-Test Date | 2029-02-25 |

Glentham Life Sciences confirm that the above referenced product conformed to the information displayed in this document on the quality release date. Please check www.glentham.com or contact us using the details above for the current version of this document.

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