



TEST REPORT

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Contact at: Admin@brown-biology.com

Task Number > #2501628

Received Date > 07/18/2025

COA Key > 2501628

Reported Date > 08/27/2025

Client PEPTIDE MOM

Manufacturer nanjingpeptide.com

Sample 5135.86 g/mol

Batch 25016

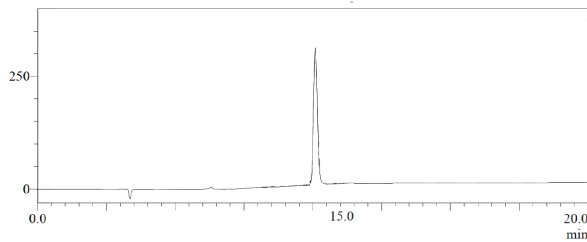
Sample description >

See picture or pictures attached.



Tests requested >

Assessment of a peptide vial or vials.



| Peak # | Ret. Time | Area % |
|--------|-----------|--------|
| 1 | 14.903 | 99.699 |

TEST RESULTS

| | Specifications | Results |
|-------------------|---------------------------------------|----------|
| Strength | 10.00 mg | 10.38 mg |
| Appearance | White to off white lyophilized powder | Conforms |
| Purity | ≥98.0% | 99.7% |
| pH value | 6.0-8.0 | 7.0 |
| Impurity | Single Impurity ≤1.0% | 0.1% |
| | Total Impurity ≤2.0% | 0.3% |

TEST PARAMETERS

| | |
|-------------------------------|----------------------------------------------------|
| Pump A | 0.1% trifluoroacetic in 100% water |
| Pump B | 0.1% trifluoroacetic in 100% acetonitrile |
| Total Flow | 1.0ml/min |
| Wavelength | 214nm |
| Analytical Column Type | Agilent ZORBAX StableBond 5µm C18 (4.6*250mm*5 µm) |
| Dissolution Method | 100% H2O |
| Injection Volume | 30uL |

CONCLUSION