



# TEST REPORT

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Contact at: [Admin@brown-biology.com](mailto:Admin@brown-biology.com)

Task Number > #2501028

Received Date > 04/27/2025

COA Key > 2501028

Reported Date > 08/27/2025

Client PEPTIDE MOM

Manufacturer nanjingpeptide.com

Sample 2174.6 g/mol

Batch 25010

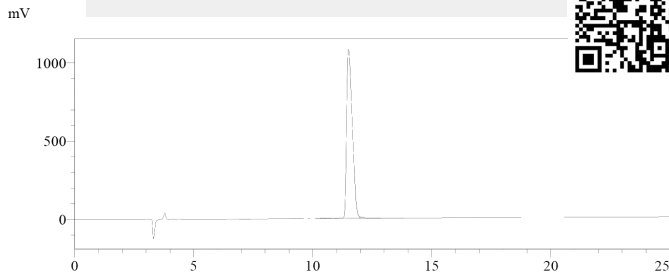
## Sample description >

See picture or pictures attached.



## Tests requested >

Assessment of a peptide vial or vials.



Peak #	Ret. Time	Area %
1	11.270	99.600

### TEST RESULTS

	Specifications	Results
<b>Strength</b>	10.00 mg	10.54 mg
<b>Appearance</b>	White to off white lyophilized powder	Conforms
<b>Purity</b>	≥98.0%	99.6%
<b>pH value</b>	6.0-8.0	7.0
<b>Impurity</b>	Single Impurity ≤1.0%	0.2%
	Total Impurity ≤2.0%	0.4%

### TEST PARAMETERS

<b>Pump A</b>	0.1% trifluoroacetic in 100% water
<b>Pump B</b>	0.1% trifluoroacetic in 100% acetonitrile
<b>Total Flow</b>	1.0ml/min
<b>Wavelength</b>	214nm
<b>Analytical Column Type</b>	Agilent ZORBAX StableBond 5µm C18 (4.6*250mm*5 µm)
<b>Dissolution Method</b>	100% H2O
<b>Injection Volume</b>	20uL

### CONCLUSION

One vial contained a white lyophilized powder with a light purple color and a white residue.