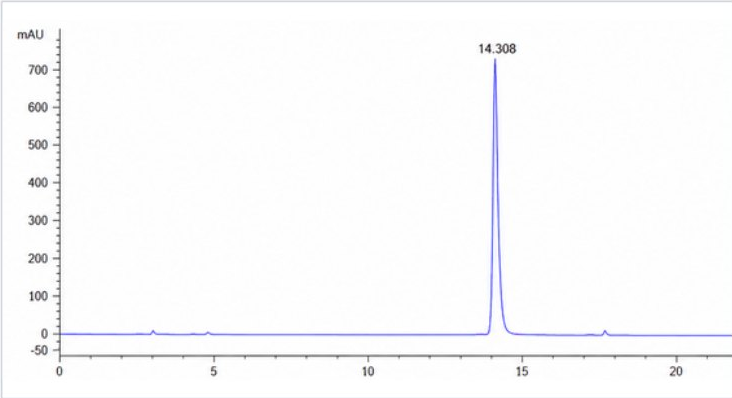


| SAMPLE IDENTIFICATION |                   |                 |                  |
|-----------------------|-------------------|-----------------|------------------|
| Peptide:              | RETATRUTIDE 20 MG | Date Requested: | October 20, 2026 |
| Client:               | Quantum           | Date Received:  | October 23, 2026 |
| Vendor:               |                   | Date Tested:    | October 26, 2026 |
| Lot Number:           | 2d                | Date Reported:  | October 26, 2026 |
| Batch Number:         | 261135            |                 |                  |



EXPECTED CONTENT  
20 mg

MASS  
22.03 mg

PURITY  
99.33%

FILL ACCURACY  
110.2%



Appearance

White lyophilized powder

Cap Color

Black

ANALYTICAL RESULTS

|   | TEST                    | METHOD                 | RESULT                                                                               | STATUS       |
|---|-------------------------|------------------------|--------------------------------------------------------------------------------------|--------------|
| 1 | Peptide Identity        | FTIR-ATR               | Sample infrared spectrum consistent with reference standard with excipients          | CONFORMS     |
| 2 | Purity                  | HPLC-DAD               | Main Peak 99.33% RT 14.31 min                                                        | CONFORMS     |
| 3 | Net Content             | HPLC assay             | 22.03 mg net content quantified using calibrated HPLC against characterized standard | CONFORMS     |
| 4 | Orthogonal Verification | CE-UV · UV-Vis         | Migration time and spectrum consistent with reference standard                       | CONFORMS     |
| 5 | Endotoxin               | LAL Gel Clot           | Not Required                                                                         | Not Required |
| 6 | Heavy Metals            | Colorimetric Screening | Not Required                                                                         | Not Required |

| NOTES                                                                                                                                                     |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------|
| RP-HPLC-DAD Agilent AdvanceBio Peptide Mapping 4.6 x 150, 2.7 µm A: 0.1% FA in H2O B: 0.1% FA in ACN 1.0 mL/min 5-35% B @ 40 C Full Spectrum of Main Peak |



Prepared, reviewed and authorized for release by PacifiCO Analytics.  
info@pacificoanalytics.ca

This Certificate of Analysis is provided for informational and research purposes only.



Digital Verification

