Sample Testing*	Test Method	Range / Cutoff	Result
Sample Mass (mg)	TM-1001	N/A	30.68mg
Compound Purity	TM-1001	N/A	99.585%
Identification by Retention Time	TM-1001	0.98 - 1.02	1.00
Identification by UV Spectral Comparison to Reference Standard	TM-1001	≥ 950	1000

- Sample Mass: This is the amount of the compound in the vial we tested determined by HPLC analysis.
- Compound Purity: This is purity of the sample, calculated including peaks around the compound that may be impurities.
- Identification by Retention Time: This is an identification test in which the retention time of the sample is compared to the average retention time of five reference standard injections.
- Identification by UV Spectral Comparison to Reference Standard: This is an identification test in which the UV spectrum of the sample is compared to the UV spectrum of the standard.

Testing System Suitability	Test Method	Acceptance Criteria	Result
HPLC Control Value	TM-1001	Standard Bracket Area RSD ≤ 2.0%	0.2%
Coelution Control Value	TM-1001	> 950	1000

- HPLC Control Value: This value shows that the HPLC system was running properly throughout your testing. The %RSD of the standard injections performed before your sample and the standard injection performed after your sample is calculated to ensure there were no system errors during your run. Although system errors such as leaks, a line running dry, air bubbles, etc. are rare, it's important that we demonstrate no errors occurred during analysis.
- Coelution Control Value: **NOTE:** This value is not purity of the compound - the peak is pure compound as it was separated out by the HPLC. This value demonstrates that there is no co-elution occurring during analysis. We receive samples from a multitude of manufacturers and each has their own recipe (stabilizers, solubilizers, fillers, etc) in their process. This measurement ensures that none of these other components interfere with the analysis. In short, this number confirms that the method is working properly and only analyzing the target compound.

Important Analytical Information Notice

The analytical results detailed herein pertain solely to the presence of the specified compounds in the samples as submitted. These results are generated by our independent partner laboratory. It is acknowledged that all prepared lyophilized peptide products and any other tested material may include stabilizers, solubilizers, fillers, and other excipients and ingredients, which are not tested for unless explicitly noted in the testing agreement and this Certificate of Analysis (COA). The results provided do not imply suitability for any specific use or purpose, and testing is limited to the listed compounds unless noted herein. Clients and other users are advised that the responsibility for determining the applicability of these results for any use rests entirely with them. It is imperative that any users of this information consult with a physician prior to using any peptide or other compound. Peptides or other compounds sold for "research purposes" may not be suitable for human use. Any liability for the provided analytical results is confined to the procedural adherence of our partner laboratory to recognized professional standards during the testing process.