

Version 02

Update: 06/28/2021

## CERTIFICATE OF ANALYSIS

### Product Information

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Product Name:	Leptin, Human
Cat. No.:	Z02962
Lot No.:	M2201022
Storage Condition:	This lyophilized preparation is stable at 2-8 °C, but should be kept at -20 °C for long term storage, preferably desiccated. Upon reconstitution, the preparation is stable for up to one week at 2-8 °C. For maximal stability, apportion the reconstituted preparation into working aliquots and store at -20 °C to -70 °C. Avoid repeated freeze/thaw cycles.

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### Quality Results

Test Items	Specifications	Results
Physical Appearance	White Freeze-dried Powder	Conformed
Purity (SDS-PAGE)	> 97%	Conformed
HPLC Purity	> 97%	Conformed
Biological Activity	> 5.0 x10 <sup>5</sup> IU/mg	Conformed
Molecular Weight	16.0±1.6 KDa	Conformed
Bacterial Endotoxin	< 1.0 EU/μg	Conformed

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### Caution:

For laboratory use only. Not for household use. If you have any questions about the Certificate of Analysis, please contact our customer service representative at 1-877-436-7274 (Toll-Free), or 1-732-885-9188

Certified by: *Dandan Yao*

Date: 01/24/2022

### Quality Department

*For laboratory research use only. Direct human use, including taking orally and injection and clinical use are forbidden.*