



### IGF-1 LR3

Insulin-like Growth Factor-1 Long R3 (IGF-1 LR3), recombinant human, lyophilized powder.

Overall Result

**PASS**

Batch Number  
**BTN-2024-118**

Lot Number  
**LOT-B5022**

Quantity  
**500 vials (1mg/vial)**

Analysis Date  
**Feb 03, 2026**

Manufacturing Date  
**Feb 03, 2026**

Expiry Date  
**Feb 03, 2028**

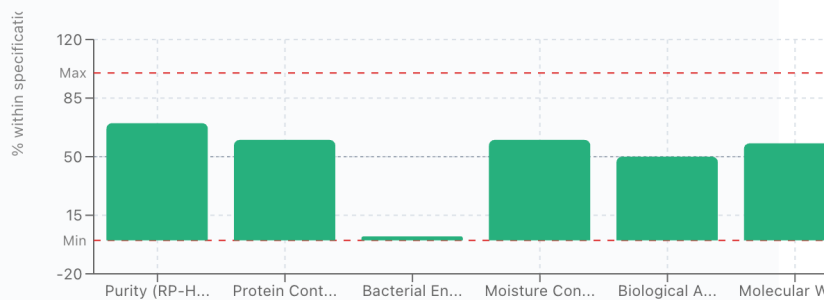
Sample Date  
**Feb 03, 2026**

Analysis Date  
**Feb 03, 2026**

#### TEST RESULTS

Parameter	Specification	Result	Unit	Status
Purity (RP-HPLC)	98 - 100	99.4	%	✓ Pass
Protein Content (UV280)	0.95 - 1.05	1.01	mg/vial	✓ Pass
Bacterial Endotoxins	0 - 5	0.12	EU/mg	✓ Pass
Moisture Content (Karl Fischer)	0 - 3	1.8	%	✓ Pass
Biological Activity (Cell Proliferation Assay)	0.8 - 1.5	1.15	ED50 (ng/ml)	✓ Pass
Molecular Weight (Mass Spectrometry)	9100 - 9120	9111.6	Da	✓ Pass

#### RESULTS VISUALIZATION



Values shown as percentage within specification range (0% = min, 100% = max)

#### Notes

Product conforms to internal reference standards for recombinant proteins. Store at -20C.

Approved By

**Dr. Helena Vance, Head of Quality Control**

Date: Feb 03, 2026

Reviewed By

**Marcus Thorne**

Date: Feb 03, 2026