

## CERTIFICATE OF ANALYSIS

### Product Information

---

Product Name:	IL-13 Variant, Human
Cat. No.:	Z02711-10
Lot No.:	R50021911
Size:	10 µg/vial
Storage Condition:	Upon reconstitution, store at 2 - 8°C for up to one week, and store at lower than -70°C for long term storage. <b>Avoid repeated freeze/thaw cycles.</b>

---

### Quality Control

Test Items	Specifications	Results
Physical Appearance	White Freeze-dried Powder	Conformed
Purity (SDS-PAGE&HPLC)	> 97%	100%
Specific Activity	> 2.0 × 10 <sup>6</sup> IU/mg	3.18 × 10 <sup>6</sup> IU/mg
Molecular Weight	12.3 ± 1.2 KDa	Conformed
Endotoxin Level	< 1 EU/µg	< 0.01 EU/µg

---

### 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: *Xianli Yang* Date: 05/11/2019  
Protein Products Department