

Version 1.1

Update: 12/27/2019

CERTIFICATE OF ANALYSIS

Product Information

Product Name:	IL-21, Human
Cat. No.:	Z02715
Lot No.:	R50012104
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.

Quality Results

Test Items	Specifications	Results
Physical Appearance	White Freeze-dried Powder	Conformed
Purity (SDS-PAGE)	>97%	Conformed
HPLC Purity	>97%	Conformed
Molecular Weight	15.4±1.5KDa	Conformed
Biological Activity	>5.0×10 ⁴ IU/mg	Conformed
Bacterial Endotoxin	<1.0 EU/μg	Conformed

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: 04/08/2021

Quality Department

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