

CERTIFICATE OF ANALYSIS

Product Information

Product Name:	Interleukin-1 alpha (IL-1 α) , Human
Cat. No.:	Z02698
Lot No.:	R50201204
Size:	10 μ g/vial
Storage Condition:	Upon reconstitution, store at 2-8 $^{\circ}$ C for up to one week, and store at -20 $^{\circ}$ C to -80 $^{\circ}$ C for long term storage. Avoid repeated freeze/thaw cycles.

Quality Control

Test Items	Specifications	Results
Physical Appearance	White Freeze-dried Powder	Conformed
Purity (SDS-PAGE)	> 97%	Conformed
Purity (HPLC)	> 97%	97.88%
Specific Activity	> 1.0 $\times 10^9$ IU/mg	1.37 $\times 10^9$ IU/mg
Molecular Weight	18.0 \pm 1.8KDa	Conformed
Bacterial Endotoxin	<1.0EU/ μ g	<0.3EU/ μ g

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:  Bert Date: 04/01/2012
New Technology Department