



Meridian
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CERTIFICATE OF ANALYSIS

Important Note: Centrifuge before opening to ensure complete recovery of vial contents.

Catalog #: A42203H **Lot #:** 1I26212

Description: Human IL-3, Recomb.
Human Interleukin 3 (IL-3), Recombinant

Recombinant Human IL-3 is a single non-glycosylated polypeptide chain containing 133 amino acids and having a molecular weight of 15,000 Da. The sequence of the first five N-terminal amino acids was determined to be Ala-Pro-Met-Thr-Gln.

Source: *E. coli*

Format: Purified, Lyophilized

Reconstitute using sterile deionized water to a concentration $\geq 100 \mu\text{g/mL}$. Further dilutions can be made in other aqueous buffers.

Purification: > 98% pure (RP-HPLC and SDS-PAGE). Purified by chromatographic techniques.
Product is sterile filtered.

Concentration: 1 mg/mL (OD280nm, $E^{0.1\%} = 0.84$) (prior to lyophilization).

Buffer: Lyophilized from water containing 0.3 mg/mL of Sodium Bicarbonate.

Preservative: None

Applications: Specific methodologies have not been tested using this product.

Storage: The lyophilized product, though stable for 3 weeks at room temperature, is best stored at -20°C . After reconstitution, short term (up to 1 week) store at $2-8^{\circ}\text{C}$. Long term, aliquot and store at -20°C . Avoid multiple freeze/thaw cycles.

Inactivation: Not Applicable

Safety Notes(s): Refer to the appropriate Safety Data Sheet (SDS) for additional information.

Brenda Dunn

28 Sep 2017

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY