



Certificate of Analysis

IL-4 Protein, Mouse

Cat. No.: HY-P70644
Batch No.: 317084
Species: Mouse
Source: *E. coli*
Tag: Tag Free
Accession: P07750 (H23-S140)
Gene ID: 16189
Molecular Weight: 12-15 kDa

ANALYTICAL DATA

TEST	Specifications	Results
Purity	Greater than 95% as determined by reducing SDS-PAGE.	≥98.0%
Endotoxin Level	<1 EU/μg, determined by LAL method.	PASS
Biological Activity	Measured in a cell proliferation assay using M-NFS-60 mouse lymphoblast cells. The ED ₅₀ for this effect is <0.01 ng/mL.	7.9 pg/mL
Appearance	Lyophilized powder	
Reconstitution	It is not recommended to reconstitute to a concentration less than 100 μg/mL in ddH ₂ O.	
Storage & Stability	Stored at -20°C for 2 years. After reconstitution, it is stable at 4°C for 1 week or -20°C for longer (with carrier protein). It is recommended to freeze aliquots at -20°C or -80°C for extended storage.	
Shipping	Room temperature in continental US; may vary elsewhere.	

Caution: Product has not been fully validated for medical applications. For research use only.

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