

CERTIFICATE OF ANALYSIS

Product name: Recombinant Human Interleukin 6, Lyophilized	Catalogue No.: RDRCPO3
Batch No.: DIL6P01/24	Storage Conditions: -20°C
AR No.: FPQC/24-25/005	COA No.: COA/24-25/009
Mfg. Date: August 2024	Expiry Date: August 2025

Test	Specifications	Results
Total protein ¹	Check and record	0.26 mg/mL
Purity ²	≥ 95%	Complies
Western blot ³	Positive	Complies
Bioburden	Negative	Complies
Endotoxin levels ⁴	≤1 EU/μg	Complies
Bioactivity (ED50) ⁵	<2 ng/mL	0.2 ng/mL

The product, Recombinant Human Interleukin 6, Lyophilized, Batch no. DIL6P01/24 has been tested. All the test parameters comply with the acceptance criteria.

Date of Release: 18/10/2024



Quality Control Department

Date: 18/10/2024

Note:

- For research or further manufacturing only. Not intended for direct administration into humans or animals.
- Manufactured in a cGMP-compliant facility under the ISO 13485:2016 standards.

¹ Protein estimation carried out by Bradford method.

² Purity determined by SDS-PAGE analysis carried out under reducing conditions and visualized by Coomassie Blue staining.

³ Western Blotting carried out by using an anti-His Tag antibody.

⁴ Endotoxin levels determined by Limulus Amebocyte Lysate (LAL) assay

⁵ Determined by its ability to stimulate proliferation of RPMI 8226 cells. The expected ED50 for this effect is <2 ng/mL.



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Page 1 of 1