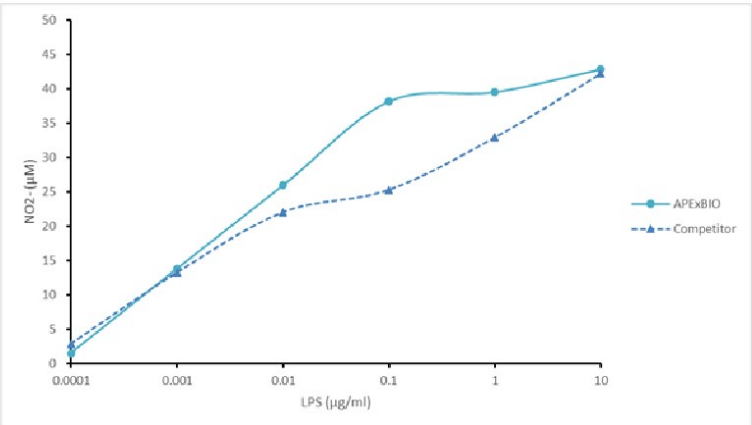
Certificate of Analysis

Product Name:	LPS, from *Escherichia coli* O55:B5
Cat. No.:	N2894
CAS No.:	93572-42-0
Batch No.:	26001
Quality Release Date:	29-Jun-2026
Recommended Retest Date :	28-Jun-2030
Storage Temperature :	4℃, sealed storage, away from moisture and light

Physical and Chemical Properties

Appearance (Form):	Lyophilized Powder
Appearance (Color):	Off-White
Protein Content (Method):	Lowry-TCA
Prot. Content (% Protein)	2.9%
Potency (Sample EU/mg)	>15000000 EU/mg

Related Biological Data



By inducing NO production in RAW264.7 cells with LPS and quantifying the NO levels in the culture supernatants using Colorimetric Nitric Oxide (NO) Assay Kit(Cat# K2107), the stimulatory potency and activity of LPS can be accurately evaluated. The data presented in this figure demonstrate that the LPS product from APExBIO exhibits superior bioactivity compared to competitor products.

Caution

FOR RESEARCH PURPOSES ONLY.

NOT FOR HUMAN, VETERINARY DIAGNOSTIC OR THERAPEUTIC USE.

APExBIO Technology

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