Vanguard ANALYTICAL

CERTIFICATE OF ANALYSIS

VA-26-004803

ISSUED TO

Northwind Research Supply

PRODUCT

TB-500

Lyophilized vial, 10 mg

MASTER LOT	MANUFACTURED	TESTED	COA ISSUED
V261007-2	Sep 25, 2026	Oct 7, 2026	Oct 9, 2026

TESTS ON THIS CERTIFICATE: ENDOTOXIN + HPLC-MS

TEST	METHOD	SPECIFICATION	RESULT	
Purity	HPLC-MS, 220 nm	>= 98.0%	98.74%	PASS
Identity	HPLC-MS (ESI+)	889.0 Da +/- 1.0 Da	889.1 Da	PASS
Net content	HPLC-MS vs. reference standard	Report (mg/vial)	10.06 mg/vial	PASS
Endotoxin	LAL, kinetic chromogenic	Report (EU/mL)	1.2 EU/mL	PASS
Appearance	Visual	White lyophilized powder	Conforms	PASS

ENTERED BY	REVIEWED BY	APPROVED BY
J. Ortiz	S. Patel	Dr. M. Reyes

Verify this certificate

Scan the code or search the COA ID at
demo.vanguardanalytical.com/verify/VA-26-004803

From master batch V261007-2, tested Oct 7, 2026, issued to Northwind Research Supply.

Results apply only to the material in the batch tested. This certificate may not be altered.