pH SOLUTIONS

CERTIFICATE OF ANALYSIS

260916-899-NHS-3

Issued Sep 23, 2026

SAMPLE

TB-500 5mg

Prepared for **GRX Bio-Science** · Lot **GBS-TB505-20260907-01**

PASS

ISO/IEC 17025:2017 ACCREDITED

A2LA R243 · PJLA Testing #84351 · Zero recalls since 2016

181 W Huntington Dr, Suite 181, Monrovia, CA 91016 · (818) 808-9757

BATCH / LOT	SAMPLE ID	MATRIX	PANELS RUN
GBS-TB505-20260907-01	260916-899-NHS-3	Peptide	4
RECEIVED	**ANALYZED**	**REPORTED**	**CLIENT**
Sep 16, 2026	—	Sep 23, 2026	GRX Bio-Science

PEPTIDE PURITY

ANALYTE	RESULT	UNIT	LIMIT / METHOD	STATUS
TB-500 — purity	99	%	HPLC-UV @ 220 nm · API lot	—
TB-500 — by mass	9.40	%		—

WATER ACTIVITY

ANALYTE	RESULT	UNIT	LIMIT / METHOD	STATUS
Water activity	0.29	aw	< 0.65	PASS

MICROBIALS

ANALYTE	RESULT	UNIT	LIMIT / METHOD	STATUS
E. Coli	Not Detected in 1g		Not detected in 1 g	PASS
Salmonella spp.	Not Detected in 1g		Not detected in 1 g	PASS
Aspergillus flavus	Not Detected in 1g		Not detected in 1 g	PASS
Aspergillus fumigatus	Not Detected in 1g		Not detected in 1 g	PASS
Aspergillus niger	Not Detected in 1g		Not detected in 1 g	PASS
Aspergillus terreus	Not Detected in 1g		Not detected in 1 g	PASS

RESIDUAL SOLVENTS

Tested on the API lot

ANALYTE	RESULT	UNIT	LIMIT / METHOD	STATUS
Acetone	ND	ppm	≤ 5000 · LOD 0.33 · LOQ 1	PASS
Acetonitrile	69.8	ppm	≤ 410 · LOD 0.33 · LOQ 1	PASS
Chloroform	ND	ppm	≤ 1 · LOD 0.33 · LOQ 1	PASS
Ethanol	ND	ppm	≤ 5000 · LOD 0.33 · LOQ 1	PASS
Isopropyl Alcohol	ND	ppm	≤ 5000 · LOD 0.33 · LOQ 1	PASS
Methanol	ND	ppm	≤ 3000 · LOD 0.33 · LOQ 1	PASS
Pentane	ND	ppm	≤ 5000 · LOD 0.33 · LOQ 1	PASS

NOTES

Material lineage only: The formulation EBR for WO-0517 identifies raw the API lot, labeled TB-4 in ERP and used as TB-500 material. Separate raw-material COA 260731-899-NHS-4; its heavy-metal and residual-solvent values are not reported as tests of this finished sample.

PH SOLUTIONS LAB INC.

Analysis performed in accordance with ISO/IEC 17025:2017. Results relate only to the sample as submitted. This certificate may not be reproduced except in full without the written approval of the laboratory. The online copy at the address beside is authoritative: if a printed COA disagrees with it, the online copy governs. Questions: info@phsolutionslab.com · (818) 808-9757.

SCAN TO VERIFY

www.phsolutionslab.com/c/eyJjIjoiMjYwOTE2LTg5OS1OSFMtMyIsInAiOiJOdUx1bWluIiwibCI6Ik5VTC1UQjUwNS0yMDI2MDkwNy0wMSJ9.HkH6sg-AjBI0WYozp8YrKeHbdGp2zoPZ