



pH SOLUTIONS

CERTIFICATE OF ANALYSIS

260915-899-NHS-8

Issued Oct 9, 2026

SAMPLE

GLP-3 (R) 10mg

Prepared for **BYB Bio LLC** · Lot **BBI-GLR10-20260907-02**

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
BBI-GLR10-20260907-02	260915-899-NHS-8	Peptide	6
RECEIVED	ANALYZED	REPORTED	CLIENT
Sep 15, 2026	—	Oct 9, 2026	BYB Bio LLC

PEPTIDE PURITY

ANALYTE	RESULT	UNIT	LIMIT / METHOD	STATUS
GLP-3 (R) — purity	99	%	HPLC-UV @ 274 nm	PASS
GLP-3 (R) — by mass	13.10	%		PASS

ASSAY

ANALYTE	RESULT	UNIT	LIMIT / METHOD	STATUS
Net peptide content	13.10	% w/w		—
Net peptide content — per gram	131	mg/g		—
Net peptide content — per vial	10.71	mg/vial		—

WATER ACTIVITY

ANALYTE	RESULT	UNIT	LIMIT / METHOD	STATUS
Water activity	0.22	aw	< 0.65	PASS

MICROBIALS

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

HEAVY METALS

Tested on the API lot

ANALYTE	RESULT	UNIT	LIMIT / METHOD	STATUS
Arsenic	Not Detected	ppm	$\leq 1.5 \cdot \text{LOD } 0.0167 \cdot \text{LOQ } 0.05$	PASS
Cadmium	Not Detected	ppm	$\leq 0.2 \cdot \text{LOD } 0.0167 \cdot \text{LOQ } 0.05$	PASS
Lead	< LOQ	ppm	$\leq 0.5 \cdot \text{LOD } 0.0167 \cdot \text{LOQ } 0.05$	PASS
Mercury	Not Detected	ppm	$\leq 0.3 \cdot \text{LOD } 0.0167 \cdot \text{LOQ } 0.05$	PASS

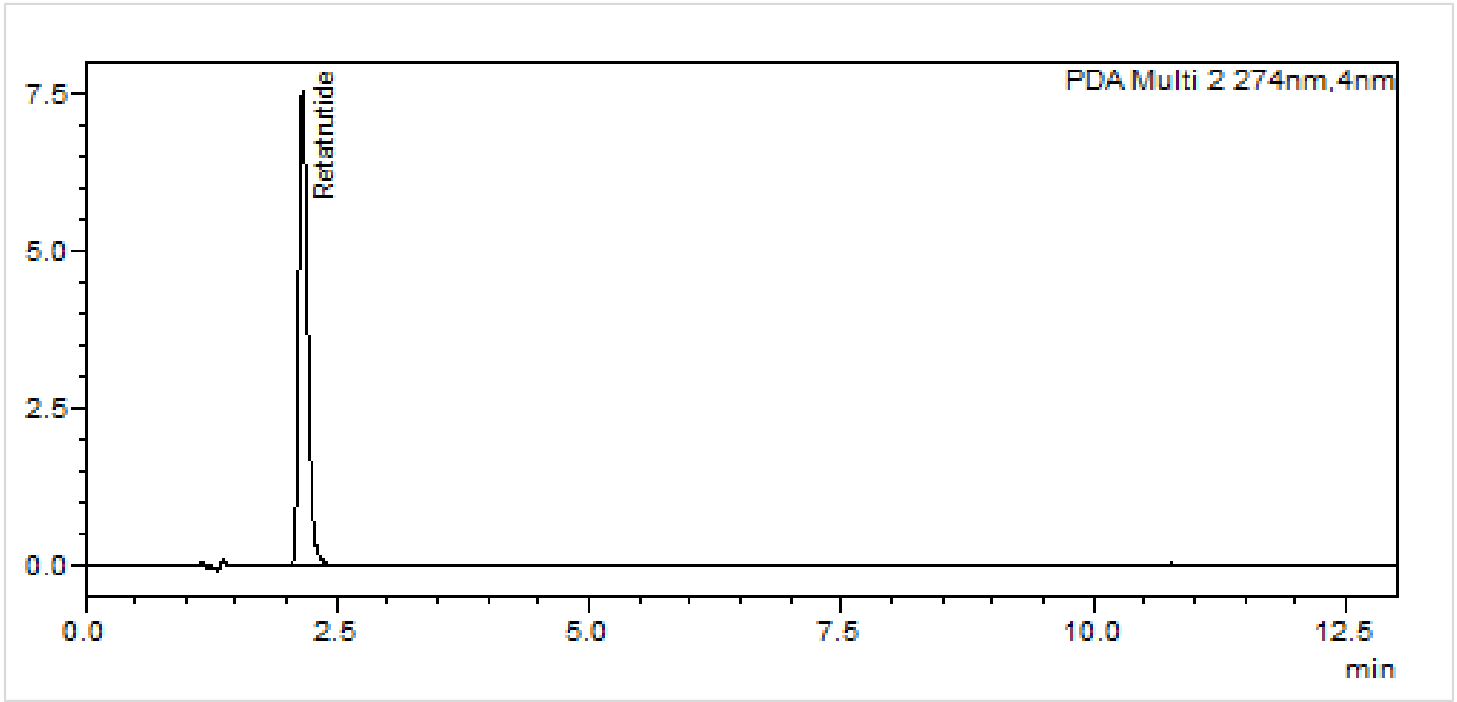
RESIDUAL SOLVENTS

Tested on the API lot

ANALYTE	RESULT	UNIT	LIMIT / METHOD	STATUS
Acetone	ND	ppm	$\leq 5000 \cdot \text{LOD } 0.33 \cdot \text{LOQ } 1$	PASS
Acetonitrile	< LOQ	ppm	$\leq 410 \cdot \text{LOD } 0.33 \cdot \text{LOQ } 1$	PASS
Benzene	ND	ppm	$\leq 2 \cdot \text{LOD } 0.33 \cdot \text{LOQ } 1$	PASS
Butane	ND	ppm	$\leq 5000 \cdot \text{LOD } 0.33 \cdot \text{LOQ } 1$	PASS
Chloroform	ND	ppm	$\leq 60 \cdot \text{LOD } 0.33 \cdot \text{LOQ } 1$	PASS
1,2-Dichloroethane	ND	ppm	$\leq 5 \cdot \text{LOD } 0.33 \cdot \text{LOQ } 1$	PASS
Ethanol	ND	ppm	$\leq 5000 \cdot \text{LOD } 0.33 \cdot \text{LOQ } 1$	PASS
Ethyl Acetate	ND	ppm	$\leq 5000 \cdot \text{LOD } 0.33 \cdot \text{LOQ } 1$	PASS
Ethyl Ether	ND	ppm	$\leq 5000 \cdot \text{LOD } 0.33 \cdot \text{LOQ } 1$	PASS
Ethylene Oxide	ND	ppm	$\leq 1 \cdot \text{LOD } 0.33 \cdot \text{LOQ } 1$	PASS
Heptane	ND	ppm	$\leq 290 \cdot \text{LOD } 0.33 \cdot \text{LOQ } 1$	PASS
n-Hexane	ND	ppm	$\leq 290 \cdot \text{LOD } 0.33 \cdot \text{LOQ } 1$	PASS
Isopropyl Alcohol	ND	ppm	$\leq 5000 \cdot \text{LOD } 0.33 \cdot \text{LOQ } 1$	PASS
Methanol	ND	ppm	$\leq 3000 \cdot \text{LOD } 0.33 \cdot \text{LOQ } 1$	PASS

Methylene Chloride	ND	ppm	$\leq 600 \cdot \text{LOD } 0.33 \cdot \text{LOQ } 1$	PASS
Pentane	ND	ppm	$\leq 5000 \cdot \text{LOD } 0.33 \cdot \text{LOQ } 1$	PASS
Propane	ND	ppm	$\leq 5000 \cdot \text{LOD } 0.33 \cdot \text{LOQ } 1$	PASS
Toluene	ND	ppm	$\leq 890 \cdot \text{LOD } 0.33 \cdot \text{LOQ } 1$	PASS
Total Xylenes	ND	ppm	$\leq 2170 \cdot \text{LOD } 0.33 \cdot \text{LOQ } 1$	PASS
Trichloroethylene	ND	ppm	$\leq 80 \cdot \text{LOD } 0.33 \cdot \text{LOQ } 1$	PASS
DMF	ND	ppm	$\leq 880 \cdot \text{LOD } 0.33 \cdot \text{LOQ } 1$	PASS

CHROMATOGRAM



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.



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