pH SOLUTIONS

CERTIFICATE OF ANALYSIS

260916-899-NHS-5

Issued Oct 9, 2026

SAMPLE

GLP-3 (R) 20mg

Prepared for **BYB Bio LLC** · Lot **BBI-GLR20-20260907-01**

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
BBI-GLR20-20260907-01	260916-899-NHS-5	—	5
RECEIVED	**ANALYZED**	**REPORTED**	**CLIENT**
Sep 16, 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

WATER ACTIVITY

ANALYTE	RESULT	UNIT	LIMIT / METHOD	STATUS
Water activity	0.19	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

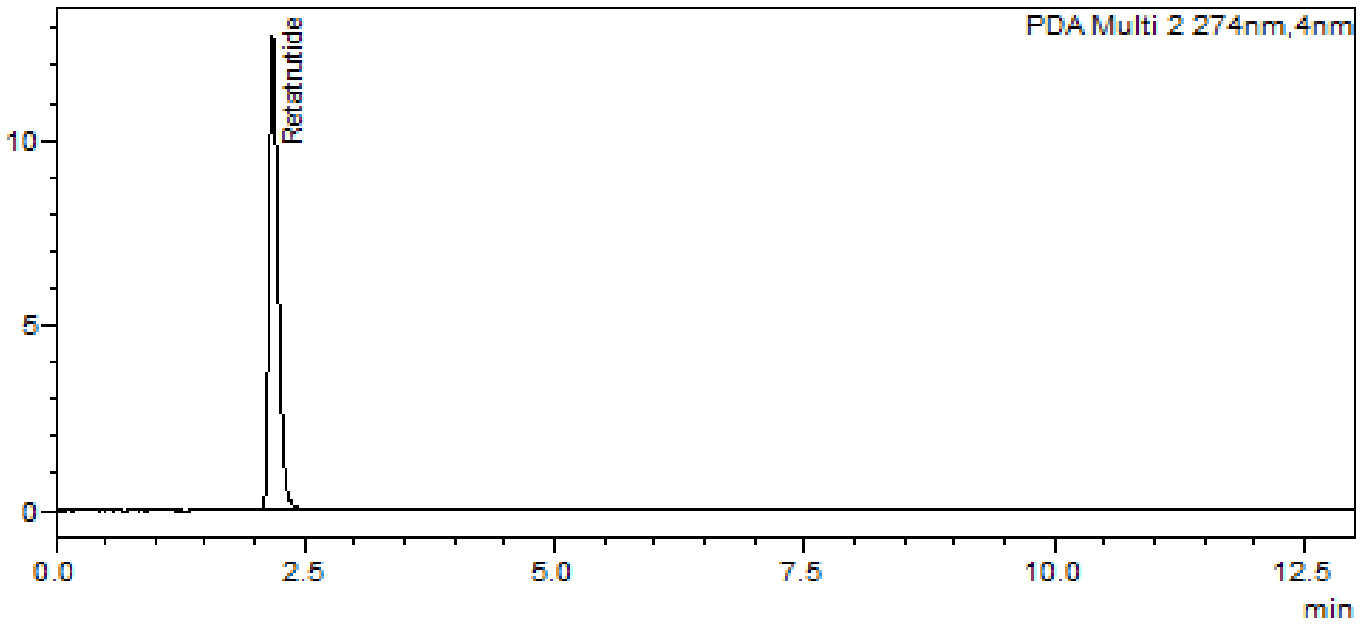
ANALYTE	RESULT	UNIT	LIMIT / METHOD	STATUS
Arsenic	Not Detected	ppm	≤ 1.5 · LOD 0.0167 · LOQ 0.05	PASS
Cadmium	Not Detected	ppm	≤ 0.2 · LOD 0.0167 · LOQ 0.05	PASS
Lead	< LOQ	ppm	≤ 0.5 · LOD 0.0167 · LOQ 0.05	PASS
Mercury	Not Detected	ppm	≤ 0.3 · LOD 0.0167 · LOQ 0.05	PASS

RESIDUAL SOLVENTS

Tested on the API lot

ANALYTE	RESULT	UNIT	LIMIT / METHOD	STATUS
Acetone	ND	ppm	≤ 5000 · LOD 0.33 · LOQ 1	PASS
Acetonitrile	< LOQ	ppm	≤ 410 · LOD 0.33 · LOQ 1	PASS
Benzene	ND	ppm	≤ 2 · LOD 0.33 · LOQ 1	PASS
Butane	ND	ppm	≤ 5000 · LOD 0.33 · LOQ 1	PASS
Chloroform	ND	ppm	≤ 60 · LOD 0.33 · LOQ 1	PASS
1,2-Dichloroethane	ND	ppm	≤ 5 · LOD 0.33 · LOQ 1	PASS
Ethanol	ND	ppm	≤ 5000 · LOD 0.33 · LOQ 1	PASS
Ethyl Acetate	ND	ppm	≤ 5000 · LOD 0.33 · LOQ 1	PASS
Ethyl Ether	ND	ppm	≤ 5000 · LOD 0.33 · LOQ 1	PASS
Ethylene Oxide	ND	ppm	≤ 1 · LOD 0.33 · LOQ 1	PASS
Heptane	ND	ppm	≤ 290 · LOD 0.33 · LOQ 1	PASS
n-Hexane	ND	ppm	≤ 290 · 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
Methylene Chloride	ND	ppm	≤ 600 · LOD 0.33 · LOQ 1	PASS
Pentane	ND	ppm	≤ 5000 · LOD 0.33 · LOQ 1	PASS
Propane	ND	ppm	≤ 5000 · LOD 0.33 · LOQ 1	PASS
Toluene	ND	ppm	≤ 890 · LOD 0.33 · LOQ 1	PASS
Total Xylenes	ND	ppm	≤ 2170 · LOD 0.33 · LOQ 1	PASS
Trichloroethylene	ND	ppm	≤ 80 · LOD 0.33 · LOQ 1	PASS
DMF	ND	ppm	≤ 880 · LOD 0.33 · 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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eyJjIjoiMjYwOTE2LTg5OS1OSFMtNSIsInAiOiJCWUIgQmlvIExMQyIsImwiOiJCQkktR0xSMjAtMjAyNjA5MDctMDEifQ.TUTEz0L6lwpvP-8EsQH7kQxjTsIRNcWg