

Adenine Labs – Certificate of Analysis

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Compound	BPC-157	CAS Number	137525-51-0
Chemical Formula	C62H98N16O22	Molecular Weight	1419.5 g/mol
Lot ID	AL-1112-BPC	Sample ID	S50312
Status	Verified	Date Generated	2025-08-08

Analytical Results

Test Method	Specification	Result
Appearance	Visual	White or off-white powder
Identification	LC-MS	Mass spectrum consistent — Confirmed
Purity	HPLC (UV 214 nm) $\geq$ 98.0% (area)	99.0%
Assay	HPLC 95.0–105.0%	98.5%
Water Content	Karl Fischer $\leq$ 5.0%	1.4%
Endotoxin	LAL $<$ 0.25 EU/mg	$<$ 0.25 EU/mg
Heavy Metals	ICP-MS $\leq$ 10 ppm	$<$ 5 ppm
Microbial Limit	USP <61> $<$ 100 CFU/g	$<$ 10 CFU/g
Residual Solvents	GC-MS ICH Q3C compliant	None detected

Quality Sign-Off

Analyst Dr. Kao _____ QA Reviewer Dr. Kilar _____ Final Approval Dr. Barr _____

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