



SAMPLE INFORMATION

Sample Name:
Ipamorelin 5mg

Lot Number:
SD-260729-1

Sample Matrix:
Lyophilized Peptide

Received Date:
August 3, 2026

Sample ID:
0555.OPT.260803

Client:
KYLO

Intended Use:
Research Use Only

Report Date:
August 10, 2026



IDENTITY

IPAMORELIN

LC-MS



POTENCY

4.94 mg
HPLC



PURITY

99%
RP-HPLC



ENDOTOXIN

PASS

LAL



RESIDUAL
SOLVENTS

PASS

GC-MS



HEAVY
METALS

PASS

ICP-OES

RESULTS SUMMARY

TEST PANEL	METHOD	SPECIFICATION	RESULT	STATUS
 Identity Verification	LC-MS	-	Ipamorelin	TESTED
 Potency (Assay)	HPLC	-	4.94 mg	TESTED
 Purity	RP-HPLC	≥ 98.0%	99%	TESTED
 pH	Probe	5.0 – 8.0	6.1	PASS
 Water Activity	Probe	-	0.38 aw	PASS
 Endotoxin	LAL	≤ 0.05 EU/mg	Pass	PASS
 Sterility	USP <71>	No Growth	Pass	PASS
 Total Yeast & Mold	USP <61>/<62>	Within Limits	Pass	PASS
 Residual Solvents	GC-MS	-	Pass	PASS
 Heavy Metals	ICP-OES	Within Limits	Pass	PASS



Residual Solvents

Instrument: GC-MS Analysis Date: August 10, 2026

PASS

Analyte	LOD (µg/g)	LOQ (µg/g)	Action Limit (µg/g)	Result (µg/g)	Status
Propane	15.4688	46.875	5000	ND	PASS
Butane	15.4688	46.875	5000	ND	PASS
Methanol	15.4688	46.875	3000	ND	PASS
Ethylene Oxide	0.1547	0.4688	1	ND	PASS
Pentane	15.4688	46.875	5000	ND	PASS
Ethanol	15.4688	46.875	5000	ND	PASS
Ethyl Ether	15.4688	46.875	5000	ND	PASS
Acetone	15.4688	46.875	5000	ND	PASS
Isopropyl Alcohol	15.4688	46.875	5000	ND	PASS
Acetonitrile	15.4688	46.875	410	ND	PASS
Methylene Chloride	0.1547	0.4688	1	ND	PASS
n-Hexane	15.4688	46.875	290	ND	PASS
Ethyl Acetate	15.4688	46.875	5000	ND	PASS
Chloroform	0.1547	0.4688	1	ND	PASS
Benzene	0.1547	0.4688	1	ND	PASS
1,2-Dichloroethane	0.1547	0.4688	1	ND	PASS
Heptane	15.4688	46.875	5000	ND	PASS
Trichloroethylene	0.1547	0.4688	1	ND	PASS
Toluene	15.4688	46.875	890	ND	PASS
Total Xylenes (m, p)	23.2032	70.3125	-	ND	PASS
Total Xylenes (o)	23.2032	70.3125	-	ND	PASS
Total Xylenes	-	-	2170	ND	PASS

Heavy Metals

Instrument: ICP-OES Analysis Date: August 10, 2026

PASS

Analyte	LOD (µg/g)	LOQ (µg/g)	Action Limit (µg/g)	Result (µg/g)	Status
Arsenic	0.015	0.05	0.2	ND	PASS
Cadmium	0.0113	0.05	0.2	ND	PASS
Lead	0.00615	0.05	0.5	ND	PASS
Mercury	0.00126	0.005	0.1	ND	PASS