

REPORT ID AF-2026-484064	VERIFICATION CODE KHVX-83JT	CLIENT China Peptide Source	STATUS ACTIVE
PRODUCT L-Carnitine 750 mg/mL	BATCH / LOT LCAR-73V4	SAMPLE RECEIVED Jul 28, 2026	ANALYSIS DATE Jul 30, 2026

CORE ANALYTICAL PANEL

TEST PARAMETER	METHOD	RESULT	SPECIFICATION	STATUS
Purity	RP-HPLC	99.50%	≥99.00%	Conforms
Identity	LC-MS	161.1 Da	161.1 ± 2 Da	Conforms
Concentration / Fill	Gravimetric	751.682 mg/mL	750 mg/mL Target	Conforms

BIOSAFETY & SCREENING

SAFETY TEST	METHOD	OBSERVED LEVEL	LIMIT	STATUS
Endotoxin Assay (LAL)	LAL	0.141 EU/mL	≤ 0.25 EU/mL	Pass
Heavy Metal Screen (ICP-MS)	ICP-MS	0.020 ppm	< 0.1 ppm	Pass

ADDITIONAL ANALYTICAL RESULTS

TEST PARAMETER	METHOD	RESULT	SPECIFICATION	STATUS
Appearance	Visual Inspection	Conforms	Product specification	Conforms
pH	pH Meter	7.2	6.8–7.6	Conforms
Particulate Matter	USP	< 10 particles/mL	≤ 25 particles/mL	Pass
Related Substances	HPLC (Related Substances)	< 0.10%	≤ 1.0%	Pass
Residual Solvents	Headspace GC	< 10 ppm	≤ 5000 ppm	Pass

METHOD & SAMPLE SUMMARY

PRIMARY METHOD RP-HPLC	MATRIX Sterile Solution	SAMPLE SIZE 750 mg/mL
METHOD REFERENCE AF-SOLUTION-QC-01	OVERALL DISPOSITION CONFORMS	

VERIFICATION

KHVX-83JT

<https://analyticalformulations.com/verify/KHVX-83JT>

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