

CERTIFICATE OF ANALYSIS

Peptide / Cosmetic Testing Report

CLIENT Certipeptide.com	CLIENT EMAIL support@certipeptide.com	CLIENT CONTACT Whatsapp:+852 4765 1436	PRODUCT / SAMPLE AICAR AR50
SAMPLE TYPE Lyophilized powder	BATCH NUMBER IUJYL8NX5JBP	ANALYSIS DATE 2026-08-01	ISSUE DATE 2026-08-01
SAMPLE DESCRIPTION White, loose powder; chemical for R&D use; 50 mg per bottle; date of manufacture: 2026-07-15; retest date: 2028-08-18.			

ANALYTES / COMPONENTS

ANALYTE	CAS	MOLECULAR FORMU-LA	THEORETICAL MW	LABEL CLAIM	MODIFICA-TION
AICAR AR50	2627-69-2	C9H14N4O5	258.2	50mg	-

TEST RESULTS

ANALYTE	TEST	METHOD	SPECIFICATION	RESULT	DECISION
AICAR AR50	Appearance	Visual	White or almost white loose powder	White loose powder	Pass
AICAR AR50	Mass spectrum	MS	258.2 +/- 1.0 Da	257.6 Da	Pass
AICAR AR50	Purity	HPLC	NLT 98.0 %	99.1 %	Pass
AICAR AR50	Assay	HPLC	98.0-102.0 %	100.6 %	Pass
AICAR AR50	Actual fill	Gravimetric	50 mg	58.24 mg	Pass
AICAR AR50	Water content	Karl Fischer	NMT 5.0 %	4.2 %	Pass
AICAR AR50	Bacterial endotoxins	LAL (gel-clot)	NMT 10 EU/mg	<3 EU/mg	Pass

OVERALL CONCLUSION

Pass

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AUTHORIZED SIGNATURE

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