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https://www.yjsba.com/jcxm/qita/16188.html
CMA Accredited · CNAS Accredited · ISO/IEC 17025

CERTIFICATE OF ANALYSIS

Issued by an ISO/IEC 17025-accredited laboratory · raw data appended (page 2)

PASS
QC released for dispatch

Scan to verify

CJC-1295 (No DAC) — 10mg

CJC-1295 without DAC

1. PRODUCT IDENTIFICATION

Synonym	CJC-1295 without DAC	**Label claim**	10mg
Sequence / structure	Tyr-D-Ala-Asp-Ala-Ile-Phe-Thr-Gln-Ser-Tyr-Arg-Lys-Val-Leu-Ala-Gln-Leu-Ser-Ala-Arg-Lys-Leu-Leu-Gln-Asp-Ile-Leu-Ser-Arg-NH2	**Lot / Batch**	ZX260512-790 / B67863
Mol. formula	C152H252N44O42	**Manufacture date**	1 Jun 2026
Mol. weight	3367.97 g/mol	**Date of analysis**	7 Jun 2026
CAS number	863288-34-0	**Storage**	−20 °C, dark, desiccated
Salt form	Acetate salt		

2. ANALYTICAL TEST RESULTS

Test	Method	Specification	Result	Verdict
Appearance	Visual	White/off-white powder	White to off-white lyophilized powder	PASS
Identity (ESI-MS)	LC-MS	Matches 3367.97 Da	3367.93 Da (Δ -12 ppm)	PASS
Purity	RP-HPLC, UV 220 nm	≥ 98.0% area	99.53%	PASS
Related substances	RP-HPLC	Single ≤1.0 / Total ≤2.0%	0.25 / 0.47%	PASS
Water content	Karl Fischer (USP <921>)	≤ 8.0%	4.2%	PASS
Counter-ion: acetate	Ion chromatography	Report (3.0–15.0%)	9.9%	PASS
Net peptide content	Amino-acid analysis	≥ 80.0%	85.0%	PASS
Bacterial endotoxin	LAL kinetic (USP <85>)	< 5.0 EU/mg	0.02 EU/mg	PASS
Heavy metals	ICP-MS (ICH Q3D)	Conforms	Conforms	PASS

CONCLUSION
All tested parameters CONFORM to the acceptance specifications. The batch is of high chromatographic purity (≥ 98%) with an impurity profile, identity and residual/contaminant results meeting pharmaceutical-grade quality requirements. Material released. Supporting RP-HPLC chromatogram and ESI-MS spectrum are appended on page 2.

DHR.

Dr. Huang Rui
Analyst · 7 Jun 2026 · Zhongxi Research Institute

DGT.

Dr. Guo Tao (QC Manager)
Approved by · 7 Jun 2026 · Zhongxi Research Institute

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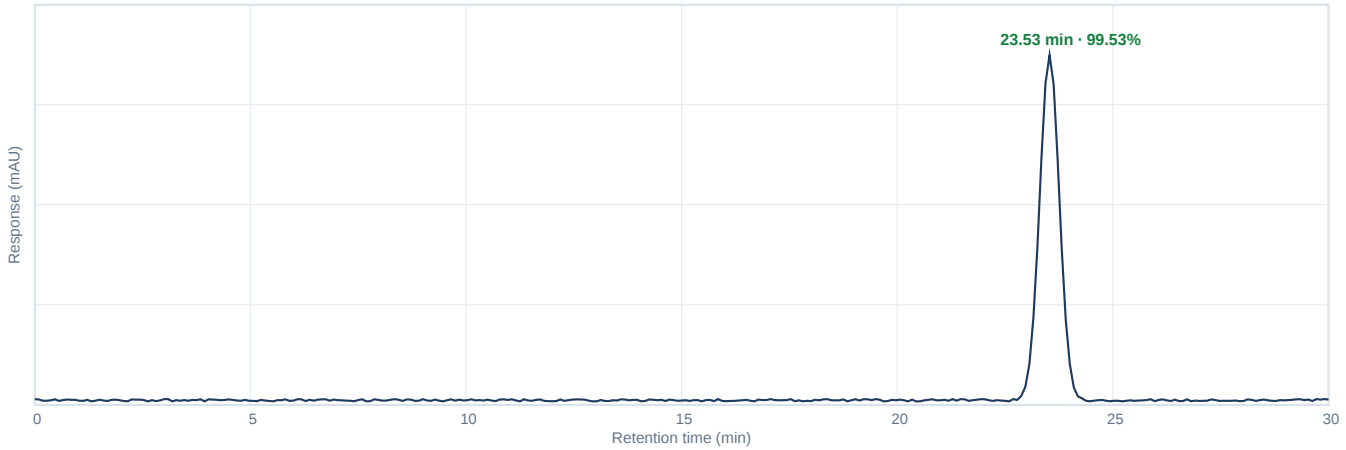
APPENDIX — ANALYTICAL RAW DATA

CJC-1295 (No DAC) 10mg · Lot ZX260512-790 · Cert. ZXR-COA-2026-32548

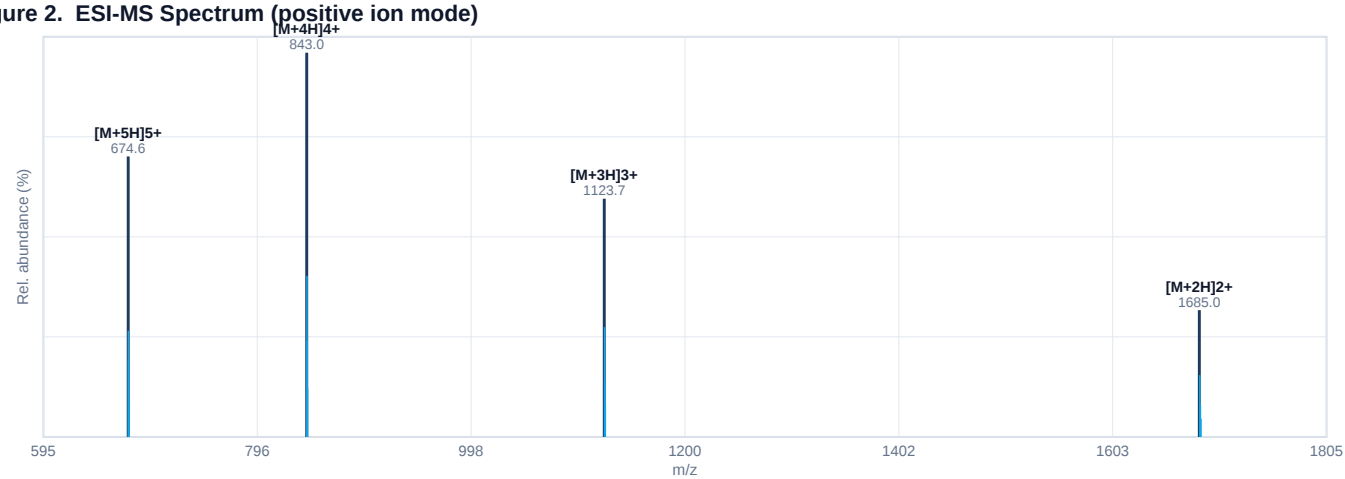
Scan to verify

Figure 1. RP-HPLC Chromatogram (UV 220 nm)



Peak #	RT (min)	Area (µV·s)	Area %	Assignment
1	23.53	987470	99.53	Main (target)
2	13.79	2258	0.22	Impurity / related substance
3	10.88	1447	0.14	Impurity / related substance
4	17.02	963	0.09	Impurity / related substance
5	4.54	215	0.02	Impurity / related substance

Figure 2. ESI-MS Spectrum (positive ion mode)



Interpretation

Identity confirmed by ESI-MS. Observed ions [M+2H]2+ 1685.0, [M+3H]3+ 1123.7, [M+4H]4+ 843.0, [M+5H]5+ 674.6 deconvolute to a neutral monoisotopic-average mass of 3367.93 Da (theoretical 3367.97 Da; mass error -12 ppm), consistent with CJC-1295 (No DAC). No co-eluting species above 0.5% indicative of misidentification.

Methods — RP-HPLC: Agilent 1260 Infinity II; Zorbax SB-C18 4.6×250 mm, 5 µm; A: 0.1% TFA in water, B: 0.1% TFA in MeCN; 10–70% B over 30 min; 1.0 mL/min; 25 °C; 20 µL injection. MS: AB Sciex TripleTOF, ESI+, capillary 4.5 kV, deconvolution by Bio Tool Kit. KF: Metrohm 901. IC: Thermo Dionex ICS-6000. ICP-MS: Agilent 7900.