Certificate of Analysis

Product Name	ARA290 (Cibinetide)		
Molecular Formula	$C_{51}H_{84}N_{16}O_{21}$	Batch No.	AR20260918
Molecular Weight	1257.31 Da	Date of Producing	2026/09/18
Date of Survey	2026/09/25	Expire Date	2028/09/17
Reference Standard	Enterprise Standard	Specification	10 mg/vial

TEST	SPECIFICATION	RESULT
Appearance	White to off-white lyophilized powder	Conform
Solubility	Soluble in water or DMSO	Conform
Identity By MS	1257.31 ± 1.0	1257.2
Water Content (Karl Fischer)	≤ 8.0%	4.5%
Acetic Acid (By HPLC)	≤ 15.0%	7.2%
Peptide Purity (By HPLC)	≥ 98.0%	98.9%
Related Substance (By HPLC)	Total Impurities ≤ 2.0%	1.1%
	Largest Single Impurity ≤ 1.0%	0.5%
Assay	95.0% - 105.0%	99.6%
Bacterial Endotoxin	< 10 EU/mg	< 10 EU/mg
Conclusion： the product conforms with enterprise standard and qualified		

The product is for compliant use only.

Research Enhanced Peptides