

Certificate Of Analysis

NO:024-A83-TSX

Peptide Name	ARA290 (Cibinetide)		
Molecular Formula	$C_{51}H_{84}N_{16}O_{21}$	Manufacturing	2025/04/19
Molecular Weight	1257.31	Report Date	2025/04/24
CAS No.	1208243-50-8	Re-test Date	2027/04/23
Appearance	white powder	Packing size	1Kg/bag
Renference Standard	Renference Ch.p	Storage conditions	-15°C to -25°C
Sequence	{Glp}-Glu-Gln-Leu-Glu-Arg-Ala-Leu-Asn-Ser-Ser		

Tests	Specifications	Results
Appearance	White powder	Conforms
Solubility	Insoluble in water	Conforms
Purity(HPLC)	$\geq 98.0\%$	99.4%
Water Content (Karl Fischer)	$\leq 8.0\%$	3.4%
Related Substance (ByHPLC)	Total Impurities($\%$) $\leq 2.0\%$	0.6%
	Largest Single Impurity ($\%$) $\leq 1.0\%$	0.2%
Organic Solvent Residue	Acetonitrile $\leq 0.041\%$	$< 0.041\%$
	Dichloromethane $\leq 0.060\%$	$< 0.060\%$
	N,N-Dimethylformamide $\leq 0.088\%$	$< 0.088\%$
Bacterial endotoxin	$< 10\text{EU/mg}$	$< \text{EU/mg}$

For research use only. Direct human application is prohibited.

Limit To Research And Submission Use
Not For Direct Human Application

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