Certificate Of Analysis

NO:026-N58-TSX

Peptide Name	Cartalax		
Molecular Formula	$C_{12}H_{19}N_3O_8$	**Manufacturing**	2026/09/03
Molecular Weight	333.30 g/mol	**Report Date**	2026/09/08
CAS No.	161832-65-1	**Re-test Date**	2028/09/03
Appearance	white powder	**Packing size**	1Kg/bag
Reference Standard	Reference Ch.p	**Storage conditions**	-20°C ± 5°C, sealed and away from light
Sequence	H-Ala-Glu-Asp-OH		

Tests	Specifications	Results
Appearance	White powder	Conforms
MS (ESI)	Conforms	Conforms
Purity(HPLC)	≥98.0%	99.35%
Acetate Content(HPLC)	≤ 12.0%	6.8%
Water Content (Karl Fischer)	≤ 8.0%	4.1%
Peptide Content (N%)	≥80.0%	87.5%
Mass Balance	95.0~105.0%	98.4%

For research use only. Direct human application is prohibited.

Limit To Research And Submission Use
Not For Direct Human Application

Analyst: Warden Zhao **QC Director:** Melker Zhu **Checker :** Bowen Yang