Certificate Of Analysis

NO:026-A81-TSX

Product Name	Bronchogen		
Molecular Formula	$C_{18}H_{30}N_4O_9$	**Manufacturing**	2026/08/29
Molecular Weight	446.45	**Report Date**	2026/09/04
CAS No.	857267-12-0	**Re-test Date**	2028/08/29
Appearance	White lyophilized powder	**Packing size**	1Kg/bag
Reference Standard	Reference Ch.p	**Storage conditions**	Store at -20°C (Avoid light and moisture)
Sequence	Ala-Glu-Asp-Leu (AEDL)		

Tests	Specifications	Results
Appearance	White lyophilized powder / cake	Conforms
Solubility	Soluble in water	Conforms
Identification (MS)	Conforms to theoretical MW	Conforms
Purity (HPLC)	≥ 98.0%	99.25%
Net Peptide Content	≥ 80.0%	84.6%
Water Content (Karl Fischer)	≤ 8.0%	4.2%
Acetate Content (HPLC)	≤ 12.0%	8.1%
Related Substance (By HPLC)	Total Impurities(%) ≤ 2.0%	0.75%
	Largest Single Impurity(%) ≤ 1.0%	0.35%

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