



西安素悟生物科技有限公司
Xi'an Sowu Biotech Co.,Ltd.

Certificate of Analysis

Product name	Retatrutide	Manufacture date	Aug.24.2025
Batch number	SW250824	Analysis date	Aug.25.2025
Batch quantity	200g	Expiry date	Aug.24.2027

ANALYSIS	SPECIFICATION	RESULT
Appearance	White or almost white loose powder	Complies
Solubility	$\geq 30\text{mg/ml}$	Complies
Molecular weight	4731.33 ± 1.0	Complies
Water content (K.F)	$\leq 8.0\%$	4.0%
Solution clarity and color	Clear and colorless	Complies
Purity	$\geq 99.0\%$	99.82%
Sodium salt	$\leq 5.0\%$	0.39%
Residual solvent	Methylene chloride $\leq 600\text{ppm}$	N.D
	Acetonitrile $\leq 410\text{ppm}$	78ppm
	Methanol $\leq 3000\text{ppm}$	12ppm
	DMF $\leq 880\text{ppm}$	N.D
	Isopropyl ether $\leq 5000\text{ppm}$	N.D
	Isopropanol $\leq 5000\text{ppm}$	N.D
Acid group ions	Trifluoroacetate ion $\leq 0.1\%$	N.D
	Phosphate ion $\leq 0.1\%$	N.D
	Chloride ion $\leq 0.1\%$	N.D
Conclusion	Conform with specification	

Packing description:	Sealed export grade drum & double of sealed plastic bag
Storage:	Store in cool & dry place, keep away from strong light and heat
Shelf life:	2 years when properly stored

Quality Assurance Officer: 李强

Corrector: 佟丽华

Analyst: 王琼

