

Certificate Of Analysis

NO: 023-A81-TSX

Peptide Name	Leuprorelin Acetate		
Molecular Formula	C61H88N16O14	Manufacturing	2025/02/17
Molecular Weight	1269.47	Report Date	2025/02/19
CAS No.	74381-53-6	Re-test Date	2027/02/16
Appearance	white powder	Packing size	1Kg/bag
Reference Standard	Enterprise Standard	Storage conditions	Cool dry place(away from the light)

Tests	Specifications	Results
Appearance	White powder	Conforms
Solubility	Solubility in water	Conforms
Purity(HPLC)	≥98.0%	99.5%
Water Content (Karl Fischer)	≤5.0%	3.5%
Acetic Acid (By HPLC)	4.7- 9.0%	8.1%
Related Substance (ByHPLC)	Total Impurities(%) ≤2.5%	0.5%
	Largest Single Impurity(%) <1.0%	0.2%
	Acetonitrile ≤ 0.041 %	<0.041%
Organic Solvent Residue	Dichloromethane ≤ 0.060%	< 0.060%
	N,N.Dimethylformamide ≤ 0.088%	<0.088%
Specific Optical Rotation	-38.0°~- 42.0°	- 41.2°

For research use only. Direct human application is prohibited.

Limit To Research And Submission Use
Not For Direct Human Application

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