

CERTIFICATE OF ANALYSIS



Product Name	TESOFENSINE
CAS NO	195875-84-4
Molecular Formula	C17H23Cl2NO
Molecular Weight	328.3 g/mol
Quantity	10G
Product of	Pure Bio Labs LLC.
Batch NO	TE56038746
Production date	2025.01.22
Expiry Date	2027.01.22



Test based on enterprise standard

Test Item	Specification	Result
Appearance	White to off-white crystalline powder	Conforms
Solubility	Soluble in water	Conforms
Water Content (Karl Fischer)	$\leq 1.0\%$	0.41%
Sodium ion	$\leq 0.05\%$	$< 0.03\%$
Trifluoroacetic Acid	Not Detected	Not Detected
Peptide Purity (By HPLC)	$\geq 98.0\%$	99.5%
Related Substance (By HPLC)	Total Impurities $\leq 1.0\%$	0.5%
	Largest Single Impurity $\leq 1.0\%$	0.3%
Bacterial Endotoxins	< 0.25 EU/mg	< 0.20 EU/mg
Assay	95.0-105.0%	99.6%
Residual Solvents	Meets USP <467> requirements	Conforms

Storage	Store in cool & dry place, keep away from strong light and heat.
Shelf life	2 years when properly stored
Conclusion	This product complies with the above specifications

Analysis Performed by:

Tiana R.
Analytical Chemist