

Exendin-4 (Exenatide)

CAS No.: 141758-74-9
Batch No: M3312
Chemical Name: Exendin-4 (Exenatide)

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: C₁₈₄H₂₈₂N₅₀O₆₀S
Molecular Weight: 4187 Da
Storage: Sealed storage, away from moisture at <-20°C
Peptide Sequence: HEGGTFTSDLKQMEEEAVRLFIEWLKNGGPSSGAPPPS-NH₂

ANALYTICAL DATA

Parameter	Method	Acceptance Criteria	Result
Appearance	Visual	White to off-white	White powder
Identity	Mass Spectrometry (EMS)	4187 Da (±5Da)	4233 (K+ adduct)
Purity	RP-HPLC	>95%	98.5%
Net Content	Total Amino Acid Analysis (AAA)	Consistent with sequence	87.0% w/w

Conclusion: The Product has been tested and complies with the given specifications.

Signed: _____ Date: 24 February 2026

(Quality Assurance)

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Caution: Product has not been fully validated for medical applications. For research use only.