

Certificate of Analysis



Product Identification		Chemical Structure
Catalog number	HB2409	H-Tyr-D-Ala-Gly-N(Me)Phe-Gly-OH
Compound name	DAMGO	
Chemical name	H-Tyr-D-Ala-Gly-N(Me)Phe-Gly-ol	
Batch number	E1875-1-1	
Batch molecular formula	C ₂₆ H ₃₅ N ₅ O ₆	
Batch molecular weight	513.59	

Method	QC requirement	QC Result
HPLC	Reverse Phase HPLC shows >95% purity	Meets specification: 96.3%
Mass spectrum	Electrospray positive analysis consistent with structure	Meets specification
Peptide content	Peptide content between 60 % and 100 %	Meets specification: 77.6%
Physical appearance	White to off-white solid	Meets specification: White solid
Solubility	Soluble in water (1 mg/ml)	Meets specification

Produced by

Signature

Passed by

Signature

Date

14-03-22

This product is for RESEARCH USE ONLY and is not intended for therapeutic or diagnostic use. Not for human or veterinary use.