

PRODUCT INFORMATION

Product Name	Semax	Batch Number	PB20260416
CAS Number	80714-61-0	Test Method	HPLC
Molecular Weight	813.0 Da	Overall Status	PASS

TEST RESULTS

Test Item	Specification	Result	Status
Appearance	White to off-white lyophilized powder	White lyophilized powder	PASS
Purity (HPLC)	"e 98.0 %	99.1%	PASS
Molecular Weight (MS)	813.0 Da $\pm$ 0.1 Da	813.0 Da (confirmed)	PASS
Amino Acid Composition	Conforms to theoretical sequence	Conforms	PASS
Single Impurity	"d 1.0 %	< 0.5%	PASS
Total Impurities	"d 2.0 %	< 1.0%	PASS
Water Content (KF)	"d 8.0 %	4.2%	PASS
Residue on Ignition	"d 1.0 %	0.3%	PASS

STORAGE & HANDLING

Storage Condition:	-20°C, protected from light and moisture. Keep in sealed container.
Shelf Life:	24 months from date of manufacture when stored as directed.

CONCLUSION: This batch meets all specified quality requirements and is APPROVED for release.

FOR RESEARCH USE ONLY — NOT FOR HUMAN OR VETERINARY USE

This product is intended solely for in vitro research and laboratory use. Not approved for therapeutic or diagnostic applications.

QC Manager

Quality Control

QA Manager

Quality Assurance

General Manager

Authorized Signatory