PEPTIVEX LABS
RESEARCH PEPTIDES

RESEARCH USE ONLY
Ref. SEMAX-5
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Certificate of Analysis

Semax

Catalogue ref.	**SEMAX-5, SEMAX-10**
CAS number	**80714-61-0**
Product	**Semax**
Vial sizes	**5mg, 10mg**

PHYSICAL AND CHEMICAL PROPERTIES

Molecular formula	**C37H51N9O10S**
Molecular weight	**813.93 g/mol**
Physical form	**Lyophilised powder**
Storage - powder	**-20 °C; long-term storage, vial sealed**
Storage - solution	**2-8 °C; refrigerated, short-term only**
Chemical structure (sequence)	**Met-Glu-His-Phe-Pro-Gly-Pro**

ANALYTICAL DATA

Test Items	Specifications	Results
Appearance:	White to off-white lyophilized solid powder	Conforms
Purity (HPLC):	>98.7%	99.3%
TFA Content:	<0.50%	Conforms

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

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

For laboratory research use only. Not for human or veterinary use. Not a medicine, supplement or cosmetic.

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