



CERTIFICATE of ANALYSIS

PRODUCT: **BQ-123 (sodium salt)**
[ET_A-Receptor Antagonist [BQ-123] . sodium salt;
cyclo (D-Asp-Pro-D-Val-Leu-D-Trp)]
C₃₁H₄₂N₆O₇ . Na, M.W. 633.3, CAS# [136553-81-6]

PRODUCT NUMBER: E-1032

LOT NUMBER: A8698C

APPEARANCE: White lyophilized powder

PEPTIDE CONTENT: 86.0%

SOLUBILITY: Clear solution (1mg/ml H₂O)

PURITY (HPLC): ≥ 99.8%

AMINO ACID ANALYSIS: (AAA)	<u>SPECIFICATIONS:</u>	<u>RESULTS:</u>
	Asx: 0.90-1.10	Asx: 1.14*
	Leu: 0.90-1.10	Leu: 1.00
	Pro: 0.90-1.10	Pro: 1.12
	Trp: 0.90-1.10	Trp: present*,**
	Val: 0.90-1.10	Val: 0.99*

*D-amino acids are detected as L-amino acids, optical isomers do not separate during AAA.
**Trp is mostly destroyed during 6N HCl hydrolysis.

A.G. Scientific, Inc.

6450 Lusk Blvd. Suite E102
SAN DIEGO, CA
92121



COUNTER ION:

Sodium salt

ES-MS:

Identical to standard reference

PRODUCT DISCRIPTION:

Highly potent and selective ETA antagonist.

STORAGE & HANDLING:

Keep cool and dry at -20°C. Stable for at least 3 years after receipt when stored at -20°C. Stock solutions are stable for up to 3 months when stored at -20°C.

CAUTION: For research use only. Not for human or drug use. The pharmacological and toxicological properties of this product have not been fully investigated. Use caution when handling. Do not use this compound if you are not fully trained or are unaware of the hazards involved.

Verified: DD