

# Certificate of Analysis



## Product Identification

<b>Catalog number</b>	HB3213	
<b>Compound name</b>	BQ-123	cyclo[D-Asp-Pro-D-Val-Lau-D-Trp]
<b>Amino acid sequence</b>	Cyclo[(D-Trp)-DP-(D-Val)-L]	
<b>Modifications</b>	Trp-1 = D-Trp, Val-4 = D-Val, Cyclised	
<b>Batch number</b>	E1054-1-1	
<b>Batch molecular formula</b>	C <sub>31</sub> H <sub>42</sub> N <sub>6</sub> O <sub>7</sub>	
<b>Batch molecular weight</b>	610-71	
<b>Salt form</b>	TFA Salt	

Method	QC requirement	QC Result
<b>HPLC</b>	Reverse Phase HPLC shows >95% purity	Meets specification: 98-43%
<b>Peptide content</b>	Peptide content between 60 % and 100 %	Meets specification: 93%
<b>Mass spectrum</b>	Mass spec analysis consistent with structure	Meets specification
<b>Physical appearance</b>	White to off-white solid	Meets specification: White solid
<b>Solubility</b>	Soluble in water (1 mg/ml)	Meets specification

Produced by

Signature

Passed by

Signature

Date

26-04-19

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