

# Analytical Data Sheet

<b>Lot number</b>	<b>2500843</b> not for drug use
<b>Catalog number</b>	<b>H-3038</b>
<b>Product</b>	<b>(D-Phe<sup>12</sup>)-Bombesin</b> Pyr-Gln-Arg-Leu-Gly-Asn-Gln-Trp-Ala-Val-Gly-D-Phe-Leu-Met-NH <sub>2</sub>
<b>Molecular formula</b>	C <sub>74</sub> H <sub>112</sub> N <sub>22</sub> O <sub>18</sub> S
<b>Relative molecular mass</b>	1629.91

Tests	Results																															
<b>Appearance</b>	White powder																															
<b>Peptide content</b>	78.9% (± 3%)																															
<b>Peptide purity</b>	>99%																															
<b>Identity</b>	Coelutes with house reference standard.																															
<b>Amino acid analysis</b>	<table border="0"> <tr><td>Asx</td><td>1.02</td><td>(1)</td></tr> <tr><td>Glx</td><td>3.00</td><td>(3)</td></tr> <tr><td>Gly</td><td>2.00</td><td>(2)</td></tr> <tr><td>Ala</td><td>1.05</td><td>(1)</td></tr> <tr><td>Val</td><td>0.99</td><td>(1)</td></tr> <tr><td>Met</td><td>0.97</td><td>(1)</td></tr> <tr><td>Leu</td><td>1.98</td><td>(2)</td></tr> <tr><td>Phe</td><td>1.00</td><td>(1)</td></tr> <tr><td>Arg</td><td>1.01</td><td>(1)</td></tr> <tr><td>Trp*</td><td>0.52</td><td>(1)</td></tr> </table> <p>*May be partially destroyed during acid hydrolysis</p>	Asx	1.02	(1)	Glx	3.00	(3)	Gly	2.00	(2)	Ala	1.05	(1)	Val	0.99	(1)	Met	0.97	(1)	Leu	1.98	(2)	Phe	1.00	(1)	Arg	1.01	(1)	Trp*	0.52	(1)	
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Latest update: November 6, 2001		<b>Analytical Data Sheet</b> Lot number <b>2500843</b>																														