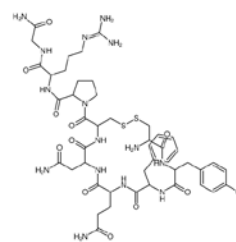


Certificate Of Analysis

Name: (Arg8)-Vasopressin
CAS No.: 113-79-1
Cat No.: A803093
Batch No.: A28042017
Mfg.Date: 2017.04.28
Exp.Date: 2019.04.26



Items	Specifications	Results																																			
Appearance	White or off-white powder	White powder																																			
Solubility	Soluble in water	Soluble in water																																			
Water	≤5.0%	3.3%																																			
Amino acid analysis	<table style="margin-left: auto; margin-right: auto;"> <thead> <tr> <th>Amino</th> <th>Limit</th> <th></th> </tr> </thead> <tbody> <tr> <td>Arg</td> <td>(0.9-1.1)</td> <td>1.0</td> </tr> <tr> <td>Gly</td> <td>(0.9-1.1)</td> <td>1.0</td> </tr> <tr> <td>Asn</td> <td>(0.9-1.1)</td> <td>1.0</td> </tr> <tr> <td>Gln</td> <td>(0.9-1.1)</td> <td>1.1</td> </tr> <tr> <td>Pro</td> <td>(0.9-1.1)</td> <td>1.0</td> </tr> <tr> <td>Cys</td> <td>(0.8-2.0)</td> <td>0.9</td> </tr> <tr> <td>Tyr</td> <td>(0.9-1.1)</td> <td>0.9</td> </tr> <tr> <td>Phe</td> <td>(0.9-1.1)</td> <td>1.0</td> </tr> </tbody> </table> <p>No more than the traces of the other amino acids are present</p>	Amino	Limit		Arg	(0.9-1.1)	1.0	Gly	(0.9-1.1)	1.0	Asn	(0.9-1.1)	1.0	Gln	(0.9-1.1)	1.1	Pro	(0.9-1.1)	1.0	Cys	(0.8-2.0)	0.9	Tyr	(0.9-1.1)	0.9	Phe	(0.9-1.1)	1.0	<table style="margin-left: auto; margin-right: auto;"> <tbody> <tr> <td>1.0</td> </tr> <tr> <td>1.0</td> </tr> <tr> <td>1.0</td> </tr> <tr> <td>1.1</td> </tr> <tr> <td>1.0</td> </tr> <tr> <td>0.9</td> </tr> <tr> <td>0.9</td> </tr> <tr> <td>1.0</td> </tr> </tbody> </table> <p>No more than the traces of the other amino acids are present</p>	1.0	1.0	1.0	1.1	1.0	0.9	0.9	1.0
Amino	Limit																																				
Arg	(0.9-1.1)	1.0																																			
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HPIC	The principal peak in the chromatogram obtained with the test solution is similar in retention time to principal peak in the chromatogram obtained with the reference solution	Conforms																																			
acetic acid	≤15.0%	8.7%																																			
MS	1084.24 ± 1.0%	Conforms																																			
Bacterial endotoxins	Less than 51U /mg	Conforms																																			

Residual solvent Methanol Acetonitrile Triethy lamine	$\leq 3000\text{ppm}$ $\leq 410\text{ppm}$ $\leq 320\text{ppm}$	82ppm 223ppm 34ppm
Assay	95.0%~105.0%	99.08%
Conclusion	The product tested complies with the specifications.	

Storage condition: Store in a tightly closed container in a cool and dry place.

Checker:

* If you have any comments and suggestions, please contact us by sales@amadischem.com