

## Product Specifications

<b>Product Name</b>	AHK-Cu
<b>Sequence</b>	L-Ala-L-His-L-Lys-Cu2+
<b>Molecular Formula</b>	C <sub>15</sub> H <sub>25</sub> N <sub>6</sub> O <sub>4</sub> Cu <sub>2</sub>
<b>Molecular Weight</b>	416.94
<b>Storage</b>	0-8C short term, 0- (-20)C long term
<b>Lot Number</b>	AHC-003
<b>Catalog Number</b>	RS1234

TEST ITEM	SPECIFICATIONS
<b>APPEARANCE</b>	Blue to purple powder
<b>WATER CONTENT</b>	≤10.0%
<b>Cu CONTENT</b>	14.7-17.9% w/w of AHK content
<b>AHK CONTENT</b>	42.0-68.0%
<b>AHK-Cu CONTENT</b>	48.2-80.2%
<b>Microbial Limits</b>	<100 cfu/gram
	No gram negatives
	No objectionables
<b>pH of 1% solution</b>	4.0 – 5.0
<b>Copper Tripeptide IDENTITY</b>	Matches reference Standard spectrum

Note: RS Synthesis reserves the right to revise the above information without any written consent to any users on any intent use of this information.

Spec\_AHK-CU  
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