

# Certificate of Analysis

<b>Product Name</b>	<b>JD009</b>		
<b>CAS No.</b>	170851-70-4	<b>Batch No.</b>	2020100701
<b>Molecular Formula</b>	C38H49N9O5	<b>Date of Producing</b>	2020/10/10
<b>Molecular Weight</b>	711.853	<b>Date of Survey</b>	2020/10/20
<b>Reference Standard</b>	Enterprise Standard	<b>Condition of Storage</b>	2~8℃

TEST	SPECIFICATION	RESULT
<b>Appearance</b>	white or almost white fluffy powder	Conform
<b>Solubility</b>	soluble in water and acetic acid	Conform
<b>Water Content (Karl Fischer)</b>	$\leq 8.0\%$	4.9%
<b>Acetic Acid (By HPLC)</b>	$\leq 18.0\%$	17.3%
<b>Peptide Purity (By HPLC)</b>	$\geq 98.0\%$	99.4%
<b>Related Substance (By HPLC)</b>	Total Impurities( $\%$ ) $\leq 2.0\%$	0.6%
<b>Organic Solvent Residue</b>	Largest Single Impurity( $\%$ ) $\leq 1.0\%$	0.2%
	Acetonitrile $\leq 0.041\%$	$< 0.041\%$
	Dichloromethane $\leq 0.060\%$	$< 0.060\%$
	N,N-Dimethylformamide $\leq 0.088\%$	$< 0.088\%$

Conclusion: the product conforms with enterprise standard and qualified

The product is for research or production use only, not for direct human use.

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