

## CERTIFICATE OF ANALYSIS

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Product Name	$\alpha$ -Melanocyte-Stimulating Hormone (MSH), amide
Cat No	RP10644
Lot No.	E8889823K
Sequence	SYSMEHFRWGKPV
Modification	NH <sub>2</sub> Ac
Length	13AA
Size	5.0mg
Storage*	-20°C
Recommended Solvent*	Dimethyl sulfoxide(Analytical grade)
Comments	TFA salt

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Test Items	Specifications	Results
Molecular Weight	Theoretical MW: 1664.90	Consistent
HPLC purity	≥95.0%	≥95.0%
Appearance	White lyophilized powder	Conforms

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\*Note: Above recommended solvents for reference only. If there is any request for detailed dissolution conditions, we suggest you choose our 'Peptide Solubility Test Service'.

For long-term storage, it is suggested to store at -20°C and avoid freeze-thaw cycles. Since the expiration date of different peptides is different, if you are interested in more information about the expiration date, please feel free to consult the stability test service.

**Caution:**

For laboratory or further manufacturing use only. Not intended for household use. If you have any questions about the Certificate of Analysis, please contact our customer service representative at 1-877-436-7274 (Toll-Free), or 1-732-885-9188.

Certified by: *Shanshan Wei* Date: 12/01/2023

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