MOBEL BIOMATERIALS TECHNOLOGY CO.,LIMITED

OFFICE ADD: NO. 479 MINHE ROAD, NINGWEI STREET, XIAOSHAN DISTRICT, HANGZHOU CITY, CHINA. 311200
TEL:+86-571-85099223 FAX: +86-571-85099222

INCI name:	**Acetyl octapeptide-3**
Peptide sequence:	Ac-Glu-Glu-Met-Gln-Arg-Arg-Ala-Asp-NH2
Molecular formula:	$C_{42}H_{72}N_{16}O_{15}S$
Molecular weight:	1073.2
Cas No.	868844-74-0
Synonym:	Snap-8
Application:	Cosmetics – skin recovery
Packaging:	bottle
Filling quantity:	1 g / bottle 5 g / bottle 10 g / bottle 100 g / bottle special packaging upon request
Shelf life:	up to 2 years, not opened
Storage conditions:	dry and cool avoid direct sunlight and heat

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Test	Specification	Batch No. 20150401
Appearance	white powder, amorph with low density	conforms
Identity	Monoisotopic Mass: 1076.14 ± 1	1075.2
Solubility	in water and 1 % acetic acid concentration of > = 1 mg/ml, clear solution	conforms
Amino acids	Met: 0.7 - 1.1 Glx: 2.7 - 3.3 Arg: 1.8 - 2.2 Ala: 0.7 - 1.1	conforms
Purity of peptide (HPLC)	> = 95 %	98.6 %
Peptide content	> = 80 %	88 %
Molecular weight	**800 – 1500 k Da**	**1120 k Da**
Acetic acid	< = 15.0 %	6.0 %
Water (KF)	< = 8.0 %	2.8 %
Bacterial endotoxins	< = 50 IU/mg	conforms

Use level: 0.005 % - 0.05 %