

Palmitoyl Pentapeptide

<b>Product Name</b>	Palmitoyl Pentapeptide(PAL-KTTKS)		
<b>Molecular Formula</b>	C <sub>39</sub> H <sub>75</sub> N <sub>7</sub> O <sub>10</sub>	<b>Batch No.</b>	20130125
<b>Molecular Weight</b>	802.05	<b>Manufacturing Date</b>	01/2013
<b>Storage</b>	2 ~ 8 °C	<b>Retest Date</b>	12/2014
<b>Sequence</b>	PAL-Lys-Thr-Thr-Lys-Ser-OH		
<b>TEST</b>		<b>SPECIFICATION</b>	<b>RESULT</b>
1	<b>Appearance</b>	White powder	Conforms
2	<b>Solubility</b>	Soluble in water or 1% acetic acid	Conforms
3	<b>Identity By MS</b>	802.05±1	802.6
4	<b>Amino Acid Composition</b>	±10% of theoretical except for Serine	Conforms
5	<b>Peptide Purity (By HPLC)</b>	≥ 95.0% by area integration	98.7%
6	<b>Related Substance(By HPLC)</b>	Total Impurities(%)≤ 5.0% Largest Single(%)≤ 2.0%	1.3% 0.2%
7	<b>Acetate Content(By HPLC)</b>	≤ 15.0%	14.6%
8	<b>Water Content(Karl Fischer)</b>	≤ 5.0%	1.0%
9	<b>Assay(By Anhydrous, Acetic Acid-free )</b>	95.0 ~ 105.0%	98.0%

Quality Control By Wangpei

Date: 2013-03-13