

Palmitoyl Pentapeptide-4

Cosmetic peptide · RUO

PRODUCT	Palmitoyl Pentapeptide-4	APPEARANCE	White or off-white powder
LOT / BATCH NO.	68260401	MANUFACTURING DATE	2026-04-13
CAS NO.	214047-00-4	RETEST DATE	2026-04-12
MOLECULAR WEIGHT	802.05 g/mol	STORAGE	Cool and dry place at 2-8°C,protected from light, keep package airproofed when not in use. Please store -20°C to -15°C for long term storage

AMINO-ACID SEQUENCE
Pal-Lys-Thr-Thr-Lys-Ser-OH

#	TEST	SPECIFICATION	RESULT
1	Appearance	White or off-white powder	Conforms
2	Identity by MS	802.05±1	802.08
3	Related substances (by HPLC)	Total impurity:≤2.0% Largetst single impurity:≤1.0%	0.21% 0.10%
4	Peptide purity (by HPLC)	≥98.0%	99.79%
5	Water content (Karl Fischer)	≤8.0%	1.01%
6	Hydrochloride acid content	≤15.0%	6.54%
7	Peptide content	≥80.0%	91.45%
8	Total plate count	≤1000cfu/g	<1000cfu/g
9	Mould & Yeast	≤100cfu/g	<100cfu/g
10	Heavy metals	As≤2mg/kg Pb≤10mg/kg Hg≤1mg/kg Cd≤5mg/kg	Conforms Conforms Conforms Conforms



AUTHENTICITY VERIFICATION
NST-PALM-68260401-868E03

Scan or visit nstresearch.com/verify?c=NST-PALM-68260401-868E03 to confirm this certificate against NST Research's issued-lot registry.



Batch analytical data reviewed & released under **NST Research Quality Control**

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Quality Control Department

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