

AKÖMA™

FROM THE HEART

CERTIFICATE OF ANALYSIS SILK PEPTIDE

DESCRIPTION

Description: Silk Peptide
Chem/IUPAC Name: Protein hydrolyzates, silk
CAS Number: 96690-41-4
EINECS Number: 306-235-8
Country of Origin: P/R China

CHARACTERISTICS

Analysis item	Specification	Result	Analysis test method
Assay	14% Nitrogen	15.10%	
Organoleptic properties			
Appearance ¹	Fine White powder	Conform to specification	Visual
Taste	Typical to botanical	Conform to specification	Gustatory
Odor	Typical to botanical	Conform to specification	Olfactory
Physical properties			
Sieve analysis	90% pass 80 mesh	Conform to specification	Mesh screen or equivalent
Moisture content	≤5%	3.10%	IR balance or equivalent
Ash	≤5%	2.9%	2g/525°C/5hrs or equivalent
Heavy metals²			
Arsenic (As)	≤ 1 ppm	Conform to specification	AA or equivalent
Cadmium (Cd)	≤ 1 ppm	Conform to specification	AA or equivalent
Lead (Pb)	≤ 3 ppm	Conform to specification	AA or equivalent
Mercury (Hg)	≤ 0.1 ppm	Conform to specification	AA or equivalent
Total heavy metals	≤ 10 ppm	Conform to specification	Colorimetry or equivalent
Microbiology			
Total plate count	≤10000cfu/g	Conform to specification	AOAC or equivalent

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Yeasts & Molds	≤1000cfu/g	Conform to specification	AOAC or equivalent
Salmonella	Absent/10g	Conform to specification	AOAC or equivalent
E.Coli	Absent/1g	Conform to specification	AOAC or equivalent
Identification	Positive	Conform to specification	TLC

Additional information

Re-test date 24 months from production date in original packaging and qualified storage conditions.
 Storage Store product in tightly sealed containers in dry and dark environment at room temperature.
 Avoid exposure to air pollution, heat, sunshine and moisture. Reclose containers tightly after use.



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