



EGG WHITE PROTEIN UH-A

Heat-Resistant Egg White Protein

Q.P. CORPORATION

Q.P. EGG WHITE PROTEIN UH A is produced from fresh chicken egg white by our original procedure (patented).

Egg white has been known as the best source of essential amino acids.

However, it is easily solidified by heat treatment and the solidification has made egg white difficult to be used in several foods and/or beverages.

CHARACTERISTICS

The heat stability of EGG WHITE PROTEIN UH A is much more improved than that of egg white protein. The other physical and chemical properties of EGG WHITE PROTEIN UH A are almost the same as those of egg white protein.

STABILITY

HEATING CONDITION	100 × 30min		121 × 20min	
CONCENTRATIONS(UH-A)	3 %	5 %	3 %	5 %
DIST. WATER				
0.5 % NaCl in Water				
1 % NaCl in Water		×		×
2 % NaCl in Water	×	×	×	×
1 % Powder Milk in Water				
3 % Powder Milk in Water				
5 % Powder Milk in Water				

: Clear : Slightly high viscous × : Solidified

AMINO ACID COMPOSITION (g /100g) (representative sample)

Asp	Thr	Ser	Glu	Pro	Gly	Met	Ile	Leu
5.93	3.62	6.42	9.57	3.02	3.51	1.79	4.59	6.63

Tyr	Phe	Lys	His	Arg	Trp	Ala	Cys	Val
2.27	7.07	4.86	1.86	4.08	0.92	6.44	1.15	6.78

SPECIFICATIONS AND RESULTS (representative sample)

	SPECIFICATIONS	RESULTS
pH	5.5 - 8.5	7.6
MOISTURE	NMT 8 %	5 %
CRUDE PROTEIN	NLT 75 %	87 %
CRUDE FAT	NMT 1 %	NMT 0.1 %
ASH	NMT 10 %	5 %
HEAVY METALS	NMT 10 ppm	NMT 10 ppm
ARSENIC	NMT 1 ppm	NMT 1 ppm
AEROBIC PLATE COUNTS	NMT 5,000 / g	40 / g
COLIFORMS	Negative / 0.1g	Negative / 0.1g
MOLD AND YEAST	NMT 1,000 / g	NMT 10 / g

STORAGE AND EXPIRATION PERIOD

Storage : Store at ordinary temperature and keep it away from high temperature and direct sunlight.

Expiration period : 2 years from manufacturing date.
(unopened, at ordinary temperature)

PACKING

5kg × 2



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