



# 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).

Q.P. EGG WHITE PROTEIN UH-A meets the specifications for “Albumin” of JSQI (The Japanese Standards of Quasi Drug Ingredients) and has the INCI name is “Albumen.”

Since Q.P. EGG WHITE PROTEIN UH-A is very stable against heat, the solution of UH-A does not solidify during heat treatments.

## 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	8.0
NITROGEN	NLT 12.0 %	13.9 %
HEAVY METALS	NMT 10 ppm	NMT 10 ppm
ARSENIC	NMT 2 ppm	NMT 2 ppm
LOSS ON DRYING	NMT 10.0 %	4.7 %
RESIDUE ON IGNITION	NMT 10.0 %	4.7 %
AEROBIC PLATE COUNTS	NMT 5,000 / g	40 / g
COLIFORMS	Negative / 0.1g	Negative / 0.1g
MOLD AND YEAST	NMT 300 / 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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