



Hydrolyzed Wheat Protein VP-8560.000W

Vege Tech Hydrolyzed Wheat Protein is a Superior Specialty Protein that is amber in color and pleasant in odor making it ideal for use in Skin and Hair formulations. It is manufactured with carefully monitored hydrolysis to ensure a Complex of Polypeptides ranging in molecular weights from a high of 50,000 down to those of Amino Acids. The object of having such a broad distribution is to provide the damaged hair substrates with a wide range of chain lengths. This optimizes penetration into the cortex thus Conditioning and Repairing the hair from the inside out while its continuous protective Film-Forming properties fills damaged gaps, and lays the cuticle down by linking platelets of protein molecules. These Penetrating, Bonding & Shielding properties leave a lustrous and mirror-like shine with excellent Conditioning effects.



In Hair Spray applications Vege Tech Hydrolyzed Wheat Protein at usage levels >10% is an excellent **NATURAL SUBSTITUTE** for synthetic fixative hair resins.

In topical skin care formulations, Vege Tech Hydrolyzed Wheat Protein provides a colloid effect through its Polymeric Coating Action, yielding highly effective Moisturizing properties. It is compatible with anionic, amphoteric and cationic surfactants, does not affect the rheological properties of any emulsion. It is compatible with a wide pH range and is readily soluble in water, water/alcohol, glycerin and glycols.



When Vege Tech Hydrolyzed Wheat Protein is formulated with Sodium-PCA, the native essential amino acid content closely simulates the skin's own Natural Moisturizing Factor (NMF). This NMF action provides excellent Hydration & Antioxidant effects to skin.

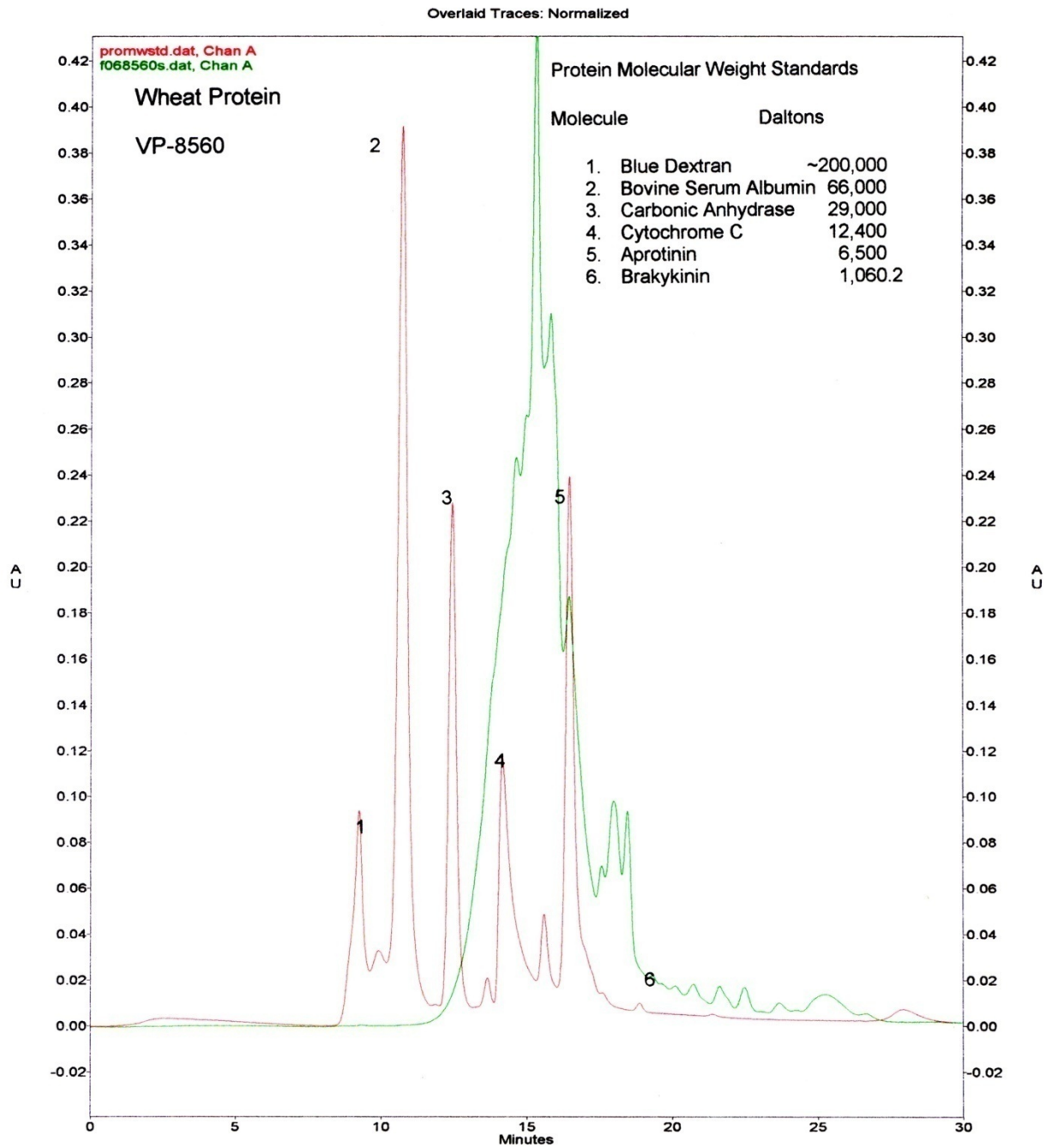
Features & Benefits

- Excellent Hair Repair Ingredient
- Wide Dalton Range (300-50,000)
- Adds Healthy Shine & Luster
- Anti-Aging & Skin Moisturizing
- Excellent Film Former
- Rich Amino Acid Profile
- Natural Alternative to Synthetic Hair Spray Resins

Amino Acid Profiles

Amino Acid	Wheat
Alanine	2.9
Arginine	3.7
Aspartic Acid	3.4
Cystine	2.5
Glutamic Acid	40.0
Glycine	3.6
Histidine	2.3
Isoleucine	3.9
Leucine	7.1
Lysine	2.1
Methionine	1.7
Phenylalanine	6.1
Proline	12.5
Sernine	4.1
Threonine	2.5
Tyrosine	2.5
Valine	4.5

Chromatograph Of Vege Tech Hydrolyzed W Protein



INCI:	CAS #:	EINECS/ELINCS:	JIC:
Hydrolyzed Wheat Protein	22240-28-4 70084-87-6 73049-73-7	N/A	N/A

Suggested Use Levels:

Skin Care: 0.5% - 5%

Hair Care: 0.5% - 20%

pH: 4 - 7

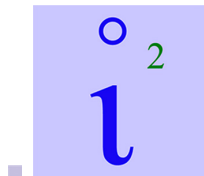
Packaging:

Vege Tech Hydrolyzed Wheat Protein is available in the following standard sizes:

- Sample size (2 fl. oz.)
- 8 lbs. (1 gal.)
- 40 lbs. (5 gal. pail)
- 240 lbs. (30 gal. drum)
- 400 lbs. (55 gal. drum)
- 2,200 lbs. (275 gal. tote)

Shelf Life: 1 year @ 25° C (77° F). Protect from freezing.

ALL MID, SOUTH, NORTH, & WESTERN U.S. STATES (excluding Northern CA, OR & WA)



INTEGRITY INGREDIENTS CORPORATION
P.O. Box 5040
Playa del Rey, CA 90296

For samples & sales support please call:

Melody Howell
Tel: (310) 355-0282 Fax: (310) 355-0905
mhowell@integrityingredientscorp.com

David Howell
Technical Sales & Marketing
Cell: (951) 867-0329
dhowell@integrityingredientscorp.com

Lee Paler
Technical Sales & Marketing
Cell: (951) 867-0291
lpaler@integrityingredientscorp.com

Sandy Bush
Regional Sales Assistant
Cell: (951) 553-4175
sbush@
integrityingredientscorp.com

Connie Wightman
Regional Sales Assistant
Cell: (951) 867-1584
cwightman@
integrityingredientscorp.com

NORTHEASTERN U.S. STATES



8 Crown Plaza, Suite 110
Hazlet, NJ 07730

Christopher H. Johnson
Technical Sales & Marketing
Tel: (732) 335-5775
chj@kinetiktech.com

NORTHERN CA, OR & WA



P.O. Box 472
Los Gatos, CA 95031

Gay C. Timmons
Certified Organic Sales & Technical
Specialist
Tel: (408) 623-7117
gayt@mac.com

CANADA



Canada Colors and Chemicals Limited

80 Scarsdale Road
Toronto, Ontario M3B2R7 Canada

Ilia Paraschis
Product Manager - Fine Chemicals
Tel: (416) 443-5571
iparasch@canadacolors.com

PEOPLE'S REPUBLIC OF CHINA, HONG KONG, TAIWAN



A 1503-1504, Zizhu Garden
No. 88 Zizhuyuan Road, Haidian District
Beijing 100089, China

Liu Jie
Director
Tel: 8610-88552683
liujie@ktlcompany.com

Liu Wei
U.S. Representative
Tel: (408) 946-4650
liuwei@ktlcompany.com

VEGE TECH COMPANY

412 W. Cypress Street
Glendale, California 91240 U.S.A.
Phone (818) 956-5582 • (800) 506-5588 • Fax (818) 956-3314
www.vegetech.com