

SPECIFICATION SHEET

VEGETAL PROTEIN, REGULAR GRADE F4000
FOR PHARMACEUTICAL, COSMETIC AND FOOD USE

Description:	Straw-to-yellow colored granular powder, bland in taste.
Approximate Molecular Weight:	35,000
Bulk Density Range:	1.25 — 2.1 gm/10 ml
Identification Tests:	Positive for (A) and (B) conforms to solubility test below.
Solubility in Water	partially soluble
Solubility in 80 % alcohol:	Clear to slightly cloudy
VEGETAL (Protein):	88-96% calculated on a dry basis
Nitrogen:	14.08 15.36 %
Loss on Drying:	8% maximum (drying for 2 hours at 105 degrees C)
Total Ash:	2 % maximum
Heavy Metals:	20ppm maximum
Arsenic:	3 ppm maximum
Mesh Size:	100% through U.S. 20 mesh
Microbial Limits:	The total bacterial count does not exceed 1000 per gram and the tests for Salmonella species and Escherichia coli are negative.
Standard Packaging:	25 kilo poly bag inside double-walled corrugated cartons (55.12 lbs. net)

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CERTIFICATE OF ANALYSIS

Physical Properties

Color	yellow to gold
Form	sand-like powder
Solubility	partially soluble in water

Organoleptic Properties

Odor	none
Taste	bland, nondescript

Chemical properties

Identification : A, B, C	conforms
Loss on Drying	4.10 %
Residue on Ignition	1.67 %
Nitrogen Content	13.86 %
Heavy Metal	0.002 % max
OVI	meets the requirements