

HI-PAC 4.0



DECAS BOTANICAL SYNERGIES

INGREDIENT SPECIFICATIONS

PRODUCT CODE: 06175 (55 pounds) 06174 (100 pounds)

PRODUCT DESCRIPTION: Hi-PAC 4.0 is a spray-dried cranberry powder standardized to 4% proanthocyanidins (LC/MS & HPLC) and made with non-GMO ingredients. The unique and proprietary manufacturing process conforms to all provisions of the Food, Drug and Cosmetic Act. The constituents and the unit operations associated with its manufacture are consistent with current GMPs as set forth within 21 CFR part 110. No preservatives, flavorings or colorings are added.

SPECIFICATIONS	DESCRIPTIONS
Proanthocyanidins (PACs)	4% minimum (USDA HPLC)
Moisture	NMT 5%
pH (10% Solution)	4.0 – 5.0
Titrateable Acidity (w/w)	6.00 – 13.0%
Solubility	Completely soluble in water
Particle Size	Through 30 mesh 100%; Through 100 mesh NLT 95%
Bulk Density (Tapped)	0.50 ± 0.15 g/ml
Appearance	Free flowing red powder
Color	Uniform cranberry red
Flavor	Typical of cranberry fruit, free from foreign flavors

MICROBIOLOGICAL	
Yeast and Mold	< 1,000/g
Standard Plate Count	< 1,000/g
E. Coli	Negative/25g
Salmonella	Negative/25g
Coliform	< 10/g

INGREDIENTS: Cranberry (*Vaccinium macrocarpon*) juice concentrate, Magnesium hydroxide, TriCalcium Phosphate.

PACKAGING: Polyethylene-lined multi-layer fiber drum. Net weight: 55 lb.

STORAGE RECOMMENDATIONS: Store in a cool, dry atmosphere not to exceed 80° F.

EXPECTED SHELF-LIFE: 36 months, when properly stored.