

INGREDIENT SPECIFICATIONS

PRODUCT CODE: 06095 (55 pounds)

PRODUCT DESCRIPTION: PACran® a proprietary blend of 100% cranberry solids (North American *vaccinium macrocarpon*). Prepared with non-GMO GRAS ingredients via a proprietary process that results in superior proanthocyanidin and phenolic content. The 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)	1.5% Minimum (HPLC)
Percent Fruit Solids	100% Cranberry
Moisture	4.5 ± 1.5%
pH (10% Solution)	2.6 – 3.9
Solubility	Partially soluble in water
Particle Size	Through 60 mesh NLT 60%
Bulk Density (Tapped)	0.50 ± 0.10 g/ml
Appearance	Free flowing red powder
Color	Cranberry red
Flavor	Typical of cranberry fruit, free of foreign flavors

MICROBIOLOGICAL	METHODS	
Yeast and Mold	< 1,000/g	USP 2021
Standard Plate Count	< 10,000/g	USP 2021
E. Coli	Negative/10g	USP 2022
Salmonella	Negative/25g	AOAC 2004.03
Coliform	< 10/g	USP 2022
Staph. Aureus	Negative/10/g	USP 2022

PROPERTIES	TYPICAL RANGE	METHODS
Total Phenolics	2.00 – 5.00%	Folin-Ciocalteu
Total Anthocyanins	0.15 – 1.00%	pH Differential
Antioxidant (ORAC)	175 – 400 µmol Trolox/g	ORAC
Antioxidant (DPPH)	55 – 70% radical inhibition	DPPH
Ellagic Acid	200 – 415 µg/g	HPLC

INGREDIENTS: 100% cranberry (*vaccinium macrocarpon*) fruit solids.

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.

Learn more at: www.pacran.com