

SPECIFICATION SHEET
BILBERRY P.E. 25% - CHINESE
GCI PRODUCT# 1601

PARAMETER	SPECIFICATION	METHOD
Botanical Name	<i>Vaccinium uliginosum</i>	
Plant Part Used	Fruit	
Solvents Used	Ethanol and Water	
Carrier Used	Maltodextrin (2%)	
Appearance	Purple powder	Visual
Identification	Conforms to standards	TLC USP <201>
Assay – Proanthocyanidins	≥25.00%	UV USP <851>
Particle Size	≥90.00% through 80 mesh	Sieve USP <786>
Loss on Drying	≤10.00%	USP <731>
Total Ash	≤10.00%	USP <561>
Bulk Density	0.3 g/ml – 0.7 g/ml	USP <616> Method I
Residue of Solvents	≤5,000ppm	GC USP <467>
Pesticides Residue	Conforms to standards	GC USP <561>
Irradiation Status	Non-irradiated	
Heavy Metals	≤10ppm	USP <231> Method II
Arsenic:	≤1ppm	ICP-MS
Cadmium:	≤1ppm	ICP-MS
Lead:	≤1ppm	ICP-MS
Mercury:	≤1ppm	ICP-MS
Microbiological Analysis		
Total Plate Count:	≤10,000cfu/g	USP30 <61>
Yeast and Mold:	≤1,000cfu/g	USP30 <61>
E. Coli:	Negative/10g	USP30 <61>
Salmonella:	Negative/25g	USP30 <61>
Staphylococcus Aureus:	Negative/10g	USP30 <61>

Country of Origin: China.

Storage: Store in a well-closed container away from heat and moisture.

Shelf Life: 3 years.