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## Technical Data Sheet

Product and Batch Information			
Product Name:	SPI-Green Coffee Bean Extract	Latin Name:	Coffea Arabica L
Part Used:	Bean	Extract Solvent:	Water
Excipient Used:	None	Shelf Life:	2 years

Item	Specification	Test Method
<b>Physical</b>		
Appearance	Light Yellow brownish fine powder	Visual
Odor	Characteristic	Sensory
Taste	Characteristic	Sensory
Loss on Drying	≤5.0%	5g/105°C/2hrs
Insoluble ash	≤5.0%	2g/800°C/4hrs
Particle Size	100% pass 80 mesh	Sieve
Bulk Density	0.25 – 0.45 g/ml	W/V
<b>Chemical Control</b>		
Heavy Metals	≤10ppm	Atomic Absorption
Arsenic(As)	≤1ppm	Atomic Absorption
Lead(Pb)	≤3ppm	Atomic Absorption
Mercury(Hg)	≤0.1ppm	Atomic Absorption
Cadmium(Cd)	≤1ppm	Atomic Absorption
Residual Solvents	≤5000ppm	GC
Aflatoxins	≤5ppb	CP2010
<b>Assay</b>		
Chlorogenic Acids (HPLC)	≥50%	HPLC
Caffeine	≤4%	HPLC
<b>Microbiological Control</b>		
Total Plate Count	≤10000cfu/g	CP2010
Yeast & Mold	≤100cfu/g	CP2010
Escherichia Coli presence	Negative	CP2010
Salmonella	Negative	CP2010
<b>Packing and Storage</b>		
Packing	Pack in Paper-drums & two food grade bags inside 25 Kg/drum.	
Storage	Store in closed container away from moisture and sunlight.	
Shelf Life	2 years if sealed and stored properly	