



Supplier: SIC

# Certificate of Analysis

<b>Product Name</b>	Grape Seed Extract	<b>Botanical Source</b>	<i>Vitis vinifera L.</i>
<b>Solvent Used</b>	Ethanol & Water	<b>Part Used</b>	Seeds
<b>Batch Number</b>	GS081121	<b>Manufacture Date</b>	11.18.2008
<b>Batch Quantity</b>	800kgs/32drums	<b>Analysis Date</b>	11.21.2008

ANALYSIS	SPECIFICATION	RESULTS	TEST METHODS
Assay (Proanthocyanidins)	NLT95%	96.37%	UV-VIS
<b>Chemical Physical Control</b>			
Characters/Appearance	Fine Powder	Conforms	Visual
Color	Light Red Brown	Conforms	Visual
Odor	Characteristic	Conforms	Organoleptic
Taste	Characteristic	Conforms	Organoleptic
Mesh Size/Sieve Analysis	NLT100% Through 80 mesh	Conforms	80 Mesh Screen
Bulk Density	40-60g/100ml	49.3g/100ml	/
Loss on drying	NMT5.0%	3.31%	1g/105°C/2hrs
Heavy Metals	NMT10ppm	Conforms	Colorimetry
Arsenic(As)	NMT2ppm	Conforms	ICP-MS
Lead(Pb)	NMT2ppm	Conforms	ICP-MS
<b>Microbiology Control</b>			
Total Plate Count	NMT1,000cfu/g	Conforms	CP2005
Total Yeast & Mold	NMT100cfu/g	Conforms	CP2005
E.Coli.	Negative	Conforms	CP2005
Salmonella	Negative	Conforms	CP2005
Staphylococcus	Negative	Conforms	CP2005

<b>Packing &amp; Storage</b>	Packed in paper-drums and two plastic-bags inside. N.W.:25kgs .I.D.35cm × H51cm Store in a well-closed container Away from moisture.
<b>Shelf Life</b>	Two years if sealed and store away from direct sun light.

Quality Assurance Officer

Corrector

Analyst

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