

## CERTIFICATE OF ANALYSIS

PRODUCT NAME : BOSWELLIA SERRATA EXTRACT 65%  
MFG DATE : DECEMBER 2005

### ANALYTICAL RESULT

<b>PARAMETERS</b>	<b>SPECIFICATION</b>	<b>RESULT</b>
<b>Physical characteristics</b>		
Identification	Positive	Confirms
Plant Part Used	Gum resin	Confirms
Appearance	Fine Powder	Confirms
Color	Creamish Yellow	Confirms
Odor	Characteristics	Confirms
Taste	Characteristics	Confirms
Particle size	NLT 90% thru 80 mesh	91.10%
Bulk Density	0.4-0.6 gm/ml	0.44 gm/ml
Tap Density	0.5-0.8 gm/ml	0.55 gm/ml
<b>Chemical Analysis</b>		
Assay for Actives (Organic Acids) NLT 65%		66.00 %
Loss on Drying	NMT 6%	5.0%
Herb Extract Ratio	5:1	5:1
Moisture content	NMT 4%	3.65
PH	5 to 8	5.80
Ash content	NMT 6%	4.3%
Water soluble extractives	None	None
Alcohol soluble extractives	NLT 70% @ 40°C	70.80%
<b>Solubility</b>		
In water	Insoluble in water @ 90°C	Insoluble
In Alcohol	Soluble in Alcohol	Soluble
Solvent %	100% Alcohol	Confirms
Carrier	None	None
Excipient	NMt 2% Aerosil	1% Aerosil
<b>Impurities</b>		
Total heavy metals	Less than 10 ppm	6ppm
Lead	Less than 2 ppm	1 ppm
Mercury	Less than 2 ppm	Absent
Arsenic	Less than 2 ppm	Absent
<b>Microbiology</b>		
Total Plate Count	Less than 10000 cfu/gm	2200 cfu/gm
Yeast & Mold	Less than 200 cfu/gm	100 cfu/gm
Escherichia coli	Absent	Absent
Salmonella	Absent	Absent

**ANALYST**

**AUTHORISED SIGNATORY**