

**CERTIFICATE OF ANALYSIS**

1. Name of the Product : Lawsonia alba, Heena Soft Extract  
 2. Strength : 10:1.25  
 3. Batch Number : KH/EA/S/001/08  
 4. Mfg. Date : March.-2008  
 5. Date of Analysis : March.-2008  
 6. Part of the Plant Used : Leaves

Sr. No.	Test	Results	Standards
<b>A</b>	<b>Physico chemical Tests</b>		
1.	Description	Brown colored thick paste with characteristic odor & taste.	Brown colored thick paste with characteristic odor & taste.
2.	Identification Test – by TLC Method	Complies	Positive
3.	Water Soluble Extractive as per IP' 66	89%	NLT-80%
4.	Alcohol Soluble Extractive (50% Alcohol)	84%	NLT-80%
5.	Moisture Content	10.38%	NMT 15%
6.	pH (1% w/v aqueous solution)	6.37	3-7
<b>B</b>	<b>Active Ingredient</b>		
7.	Assay by Titration Method	% of Tannins – 3.72%	NLT 3%
<b>C</b>	<b>Limit Test</b>		
8.	Heavy Metals		
	(a) Arsenic	Complies	NMT 1 ppm
	(b) Lead	Complies	NMT 10 ppm
<b>D</b>	<b>Microbiological Tests</b>		
9.	Total Plate Count	90 cfu/gm	NMT-1000cfu/gm
10.	Yeast/Molds	8 cfu/gm	NMT-100cfu/gm
11.	E. Coli	Absent	Absent
12.	Salmonella	Absent	Absent
13.	Total Coliforms	Absent	Absent

**OPINION OF ANALYST:** The above material complies with the prescribed standards.

**Analysed By**

**Approved By**