

**CERTIFICATE OF ANALYSIS**

1. Name of the Product : Celastus paniculata, Jyotishmati Dry Extract  
 2. Strength : 5:1  
 3. Batch Number : KH/CP/017/09  
 4. Mfg. Date : January.-2009  
 5. Date of Analysis : January.-2009  
 6. Part of the Plant Used : Seed

Sr. No.	Test	Results	Standards
<b>A</b>	<b>Physico chemical Tests</b>		
1.	Description	Brown colored powder with characteristic odour & Bitter taste.	Brown colored powder with characteristic odour & Bitter taste.
2.	Identification Test – by TLC Method	Complies	Positive
3.	Water Soluble Extractive as per IP'66	86%	NLT-80%
4.	Alcohol Soluble Extractive	-----	-----
5.	Moisture Content	2.64%	NMT 7%
6.	pH (1% w/v aqueous solution)	5.17	3-7
<b>B</b>	<b>Active Ingredient</b>		
7.	Assay by Gravimetric method	% of Volatile oil-1.12%	NLT-1%
<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	42 cfu/gm	NMT-1000cfu/gm
10.	Yeast/Molds	7 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**