

CERTIFICATE OF ANALYSIS

1. Name of the Product : Glycyrrhiza glabra, Mulethi Dry Extract
 2. Strength : 5:1
 3. Batch Number : KH/GG/001/09
 4. Mfg. Date : May.-2009
 5. Date of Analysis : May.-2009
 6. Part of the Plant Used : Root

Sr. No.	Test	Results	Standards
A	Physico chemical Tests		
1.	Description	Light brown colored powder with characteristic odor & sweet taste.	Light brown colored powder with characteristic odor & sweet taste.
2.	Identification Test – by TLC Method	Complies	Positive
3.	Water Soluble Extractive as per IP'66	88%	NLT-80%
4.	Alcohol Soluble Extractive (50% Alcohol)	85%	NLT-80%
5.	Moisture Content	3.22%	NMT-7%
6.	pH (1% w/v aqueous solution)	4.06	3-7
B	Active Ingredient		
7.	Assay by Gravimetric Method as per Garrate Method	% of Glycyrrhizin –20.48%	NLT-20%
C	Limit Test		
8.	Heavy Metals		
	(a) Arsenic	Complies	NMT 1 ppm
	(b) Lead	Complies	NMT 10 ppm
D	Microbiological Tests		
9.	Total Plate Count	23 cfu/gm	NMT-1000cfu/gm
10.	Yeast/Molds	6 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