

# ASES CHEMICAL WORKS

Brahm Bagh, Jalori Gate Jodhpur - 342001 Rajasthan-India

Ph: +91-9636889954

Email : ecom@ases.in Website : www.ases.in



## CERTIFICATE OF ANALYSIS

1. Name of the Product Calendula Liquid Extract
2. INCI Name Calendula Officinalis
3. CAS Number 84776-23-8
4. Batch No & Mfg. Date As mentioned on Label
5. Date Of Exp 12 Months From MFG Date
6. Date of Analysis

SR.No.	Parameters	Specification	Results	Test Protocol
1	Botanical Name	Calendula officinalis	Complies	....
2	Description	Transparent colorless liquid	Complies	Visual
3	pH of 1 % w/v aq. soln	04-07	5.73	IP 2014
4	Water solubility	Soluble	Complies	IP 2014
5	Propylene glycol solubility	Soluble	Complies	IP 2014
6	Specific gravity (20°c)	1.020-1.050	1.036	IP 2014
7	Dry residue 105°c	0.5%-2.5%	1.64%	IP 2014
<b>Heavy Metals</b>				
8	Arsenic	NMT 1ppm	Complies	"AOAC"Method
9	Lead	NMT 1ppm	Complies	"AOAC"Method
10	Mercury	NMT 1ppm	Complies	"AOAC"Method
11	Cadmium	NMT 0.5ppm	Complies	"AOAC"Method
<b>Microbiological Tests</b>				
12	Total Aerobic Bacteria	NMT 5000 cfu/gm	Complies	USP
13	Yeast and Moulds	NMT 200 cfu/gm	Complies	USP
14	Escherichia coli	Absent	Absent	USP
15	Salmonella	Absent	Absent	USP
16	Staphylococcus aureus	Absent	Absent	USP
17	Pseudomonas aeruginosa	Absent	Absent	USP

Since it is a herbal product, there is likely to be mineorcolor variation because of the geographical and Seasonal variations of the raw material Legend:NLT= not less than,NMT=Not more than, CFU=Colony forming unit/gram