

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 BLUEBERRY LIQUID EXTRACT- 10:1
2. INCI Name Vaccinium Myrtillus Fruit Extract
3. CAS Number 84082-34-8
3. Date Of Exp As on Product Label

SR. No.	Parametrs	Specification	Results	Test Protocol
1	Botanical Name	<i>Vaccinium corymbosum</i>	Complies
2	Description	Transparent colourless liquid	Complies	Visual
3	pH of 1 % w/v aq. soln	4-7	5.36	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	1.035	IP 2014
7	Dry residue 105°C	0.5%-2.0%	1.53%	IP 2014
Heavy Metals				
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
Microbiological Tests				
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 minor color 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