

## CERTIFICATE OF ANALYSIS

Product : Aloevera Liquid Extract  
Batch No: VB/LE/ALV/03-8973  
Mfg. Date: July - 2026  
Exp Date : June - 2027  
Plant Part: Leaf  
Method : Solvent Extraction

Manufacture By : REPL  
Composition : Extract + Preservative  
Packaging : Feed Grade HDPE Container  
Intended Use : Cosmetic, Nutra or Ayurvedic Industries  
Residual Solvent : Nil

| Test                             | Standards                          | Results         | Method          |
|----------------------------------|------------------------------------|-----------------|-----------------|
| <b>Physico-chemical Tests</b>    |                                    |                 |                 |
| <b>(A) Botanical name</b>        | <i>Aloe Barbadensis</i>            |                 |                 |
| Description                      | Brownish yellow color clear liquid | Complies        | Organoleptic    |
| Odor                             | Characteristics                    | Characteristics | Organoleptic    |
| Identification                   | Positive                           | Complies        | HPTLC           |
| Water Solubility                 | Soluble                            | Complies        | USP <561>       |
| Propylene Glycol Solubility      | Soluble                            | Complies        | USP <1236>      |
| Alcohol Solubility (50% Alcohol) | Soluble                            | Complies        | USP <1236>      |
| PH (1% w/w)                      | 3.0-6.0                            | 4.46            | USP <791>       |
| Specific Gravity (25°C)          | 1.010-1.150                        | 1.012           | USP <841>       |
| Dry Residue @180°C               | NMT 5%                             | 3.19%           | USP <281>       |
| <b>(B) Heavy Metals</b>          |                                    |                 |                 |
| Lead                             | NMT-2 PPM                          | Complies        | USP <231>       |
| Mercury                          | NMT-1 PPM                          | Complies        | USP <231>       |
| Arsenic                          | NMT-1 PPM                          | Complies        | USP <231>       |
| Cadmium                          | NMT-0.3 PPM                        | Complies        | USP <231>       |
| <b>(C) Marker Assay</b>          |                                    |                 |                 |
| Aloin                            | Presence of Aloin                  | Present         | In House Method |
| <b>(D) Microbiological Test</b>  |                                    |                 |                 |
| Total Aerobic Microbial Count    | NMT-100 CFU/GM                     | Complies        | USP <61>        |
| Yeast/Molds                      | NMT-10 CFU/GM                      | Complies        | USP <61>        |
| Salmonella sp.                   | Absent                             | Absent          | USP <62>        |
| Escherichia coli                 | Absent                             | Absent          | USP <62>        |
| Pseudomonas aeruginosa           | Absent                             | Absent          | USP <62>        |
| <b>(E) Aflatoxin</b>             |                                    |                 |                 |
| Aflatoxin (B1+B2+G1-G2)          | NMT 5ppb                           | Complies        | In house method |
| Aflatoxin (B1)                   | NMT 2ppb                           | Complies        | In house method |

**Note:** Since it is an herbal product, there is likely to be minor color variation from batch to batch because of the seasonal variations of the raw materials, Color not affect the quality and efficacy of the product.

|             | Prepared By        | Approved By   |
|-------------|--------------------|---------------|
| Name        | Vipul Sharma       | Aakarsh Gupta |
| Designation | Sr. executive Q.C. | Manager Q.C.  |