



## Certificate of Analysis

|               |             |                   |        |
|---------------|-------------|-------------------|--------|
| Product Name: | Royal Jelly | Batch Number:     | Varies |
|               |             | Manufacture Date: | Varies |
|               |             | Expiry Date:      | Varies |

| IDENTIFICATION |                                                           | SPECIFICATION                                                                      | RESULT       |
|----------------|-----------------------------------------------------------|------------------------------------------------------------------------------------|--------------|
| Assay (10-HDA) |                                                           | $\geq 3 - 5\%$                                                                     | Complies     |
| Physical       | Appearance                                                | Milky white / Off white to light yellow powder                                     | Complies     |
|                | Odor & Taste                                              | Characteristic                                                                     | Complies     |
|                | Particle size                                             | 95% / 100% pass 80 mesh                                                            | Complies     |
|                | Loss on drying                                            | $\leq 5\%$                                                                         | 3.50 - 3.66% |
|                | Total ash                                                 | $\leq 5 - 10\%$                                                                    | 3.17 - 3.25% |
| Chemical       | Arsenic (As)<br>Lead (Pb)<br>Mercury (Hg)<br>Cadmium (Cd) | $\leq 0.3 - 2$ ppm<br>$\leq 0.5 - 3$ ppm<br>$\leq 0.1 - 1$ ppm<br>$\leq 1 - 2$ ppm | Complies     |
| Microbial      | Total Plate Count                                         | $\leq 1000$ cfu/g                                                                  | Complies     |
|                | Yeast & Mold                                              | $\leq 100 - 200$ cfu/g                                                             | Complies     |
|                | Coliforms, Pathogenic bacteria                            | Negative                                                                           | Complies     |

|      |                   |                                     |
|------|-------------------|-------------------------------------|
| Else | Storage condition | Sealed, kept in shady and dry place |
|      | Shelf life        | Two years                           |

