



# CERTIFICATE OF ANALYSIS

## Product and Batch Informations

### I BERRY EXTRACT 20% POLYSACCHARIDES

REF : GOJI20001

|                        |                           |                   |                   |
|------------------------|---------------------------|-------------------|-------------------|
| Latin name             | <i>Lycium barbarum L.</i> | Plant part        | Berry             |
| Solvent (%)            | 100% Water                | Carrier (%)       | <30% Maltodextrin |
| Extract ratio (Native) | 5-7/1                     | Country of origin | China             |
| Batch                  | GB181118                  | Quantity          | 500Kg             |
| MF date                | 18/11/2018                | Expiration date   | 17/11/2021        |

| ANALYSIS ITEM                                  | SPECIFICATION                | RESULT              | TEST METHOD              |
|--|------------------------------|---------------------|--------------------------|
| <b>Active Ingredients/Substance to control</b> |                              |                     |                          |
| Assay  | NLT 20% polysaccharides      | 21,50%              | UV                       |
| Substance to control                           | Tropanic alkaloids           | Not tested          |                          |
| <b>Physical Control</b>                        |                              |                     |                          |
| Appearance                                     | Yellow Brown Fine powder     | Complies            | Visual                   |
| Sieve analysis                                 | NLT 95%Through 80 mesh       | Complies            | E.P. 5.0/ 2.9.12.        |
| Loss on drying                                 | ≤5.0%                        | 4,23%               | E.P. 5.0/ 5h at 105      |
| Ash  | ≤5.0%                        | 4,35%               | E.P. 5.0/ 3h at 600      |
| <b>Chemical Control*</b>                       |                              |                     |                          |
| Heavy Metals                                   | NMT 10ppm                    | Complies            | E.P. 5.0/ AAS            |
| <del>Lead (Pb)</del>                           | <del>NMT 3ppm</del>          | <del>Complies</del> | <del>E.P. 5.0/ AAS</del> |
| Arsenic (As)                                   | NMT 2ppm                     | Complies            | E.P. 5.0/ AAS            |
| Cadmium(Cd)                                    | NMT 1ppm                     | Complies            | E.P. 5.0/ AAS            |
| Mercury (Hg)                                   | NMT 0,1ppm                   | Complies            | E.P. 5.0/ AAS            |
| Pesticides residues                            | Meets EP requirements        | Complies            | E.P.5.0                  |
| PAHs   | NMT 50ppb                    | Complies            | GC-MS                    |
| Benzo(a)pyrene                                 | NMT 10ppb                    | Complies            | GC-MS                    |
| <b>Microbiological Control</b>                 |                              |                     |                          |
| Total aerobic microbial                        | 10000cfu/g Max               | Complies            | E.P. 5.0/ 2.7.2.         |
| Tot. yeast and mould                           | 500cfu/g Max                 | Complies            | E.P. 5.0/ 2.7.2.         |
| Salmonella                                     | Negative                     | Complies            | E.P. 5.0/ 2.7.2.         |
| E.Coli   | Negative                     | Complies            | E.P. 5.0/ 2.7.2.         |
| <b>Allergens/GMO/Irradiation</b>               |                              |                     |                          |
| Allergens                                      | Allergen free/specify if any | Complies            |                          |
| GMO  | Non OGM                      | Complies            |                          |
| Irradiation                                    | Non Irradiation              | Complies            |                          |

### Packing and Storage

**Storage** Store in sealed containers at cool & dry place. Protect from light, moisture and pest infestation.

\*According to a control plan

Approved by: **QUALITY DEPARTMENT**

03/01/2019



Approved by quality department

*As received from our supplier - Certifié conforme à l'original.*