

# Rosemary Extract

Specification code

RE/1/KS/E

Date

29/07/2025

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| Botanical name  | Rosmarinus officinalis L.                   |                        |
|-----------------|---|------------------------|
| Plant part      | Leaf.                                       |                        |
| Colour          | Brownish Yellow.                            | Visual                 |
| Taste and smell | Typical to botanical. Typical to botanical. | Gustatory<br>Olfactory |
| Appearance      | Fine powder.                                | Visual                 |

## Physical chemical analysis

| Sieve analysis | 90% pass 80 mesh<br>Mesh screen |
|----------------|---------------------------------|
| Moisture       | ≤5%<br>IR balance               |
| Ash            | ≤5%<br>2g/525°C/5hrs            |

## Microbiological analysis

| Total plate count    | ≤10000cfu/g                                      | AOAC |
|----------------------|--|------|
| Yeasts & Molds       | ≤1000cfu/g                                       | AOAC |
| Salmonella           | Absent/10g                                       | AOAC |
| E.Coli               | Absent/1g  | AOAC |
| Sterilization method | High Temperatu<br>Pressure<br>Short time (5" - 1 | J    |
|                      |  |      |

#### Heavy metals 2

| Arsenic (As)       | ≤ 1 ppm<br>AA or equivalent    |
|--------------------|--------------------------------|
| Cadmium (Cd)       | ≤ 1 ppm<br>AA or equivalent    |
| Lead (Pb)          | ≤ 3 ppm<br>AA or equivalent    |
| Mercury (Hg)       | ≤ 0.1 ppm<br>AA or equivalent  |
| Total heavy metals | ≤ 10 ppm<br>Colorimetry or eq. |
| Assay              | 20% Carnosic acid<br>HPLC      |

## Others specs

| Packaging | Carton drum   inner double layer plastic bag.  |
|-----------|--|
| Storage   | Cool, dry, dark, airtight environment. Storage of products at room temperature. Keep away from sunshine and moisture. Reclose packaging tightly after use. |

### Our certificates







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