# Black Radish Extract - Raphanus sativus

*Raphanus sativus · Brassicaceae*

**Extract powder** **Water-dispersible**

## 1. Product identification

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| **Product name** | Black Radish Extract - Raphanus sativus |
| **Botanical name** | *Raphanus sativus* (syn. *Raphanus acanthiformis, Raphanus candidus, Raphanus caudatus, Raphanus chinensis, Raphanus gayanus, Raphanus hortensis*) |
| **Plant family** | Brassicaceae |
| **Common names** | Radish, Beej Mooli, Beej Muli, Radish Seeds, Mula Beej, Mooli |
| **Indian / Ayurvedic names** | Mooli Shaar, Mooli Kshar |
| **Plant part used** | Vegetable |
| **Product form** | Extract powder |
| **Country of origin** | India |
| **Product code (SKU base)** | 52445-EXTD10-RASAT |

## 2. Composition and identifiers

**INCI:** Raphanus Sativus Vegetable Extract, Maltodextrin (or Microcrystalline Cellulose)

| INCI / COMPONENT | FUNCTION | CAS | EC | PROPORTION |
|---|---|---|---|---|
| Raphanus Sativus Vegetable Extract | Botanical extract (dry) | Not assigned | Not assigned | 80–90 % |
| Maltodextrin | Filler / carrier — alternative | 9050-36-6 | 232-940-4 | 10–20 % (either filler; COA states which) |
| Microcrystalline Cellulose | Filler / carrier — alternative | 9004-34-6 | 232-674-9 | 10–20 % (either filler; COA states which) |

Composition: botanical extract 80–90 % + filler 10–20 % (maltodextrin or microcrystalline cellulose). The two fillers are alternatives; the batch Certificate of Analysis states which one is used.

INCI status: INCI by naming convention (not in CosIng)

Where more than one CAS number is shown, the botanical substance is registered under several CAS numbers (e.g. EINECS and TSCA variants); all refer to the same INCI name.

## 3. Manufacturing

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| **Process** | Extraction, concentration and drying |
| **Ratio** | 10:1, 30:1 (choose when ordering) |
| **Additives** | Filler: maltodextrin or microcrystalline cellulose, 10–20 % (the batch COA states which). No added colours, fragrance or preservatives. |

## 4. Typical properties

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| **Physical state** | Solid (powder) |
| **Appearance / colour** | Characteristic of the plant material; may vary naturally between harvests |
| **Odour** | Characteristic |
| **Solubility** | Water-dispersible |

Typical values describe the product type and are not a specification. Batch-specific results (assay, moisture, microbiology, heavy metals as applicable) are given on the batch Certificate of Analysis, sent with every order.

## 5. Applications and use

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| **Applications** | Skincare, Supplements |
| **Markets** | Cosmetics & personal care, Nutraceuticals |
| **Suggested use level** | Use according to the formulation; typical inclusion in cosmetics 1–10 %, in food and supplements as permitted by local regulations. |

The formulator is responsible for confirming suitability, stability and regulatory compliance of the finished product in the intended market. Not intended for direct medicinal use.

## 6. Packaging, storage and shelf life

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| **Pack sizes** | 225 g, 1 Kg, 5 Kg, 25 Kg, Sample — bulk and custom quantities on request |
| **Storage** | Store in tightly closed original containers in a cool (below 25 °C), dry, well-ventilated place, away from direct sunlight, moisture, strong odours and incompatible materials. |
| **Shelf life** | 24 months from the date of manufacture in unopened original packaging stored as recommended. |

## 7. Documentation and quality

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| **Safety Data Sheet** | SDS-52445-EXTD10-RASAT — available for download on the product page |
| **Certificate of Analysis** | Batch-specific COA sent with every order; available on request before ordering |
| **Other documents** | Allergen, IFRA, origin and other statements on request, subject to availability |

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