

## Certificate of Analysis

|                    |                                                       |
|--------------------|-------------------------------------------------------|
| Product Name       | Cardamom                                              |
| Botanical Name     | Elettaria cardamomum                                  |
| INCI Name          | Elettaria Cardamomum Seed Oil                         |
| Country of Origin  | India                                                 |
| CAS Number         | 8000-66-6                                             |
| Lot Number         | 8773015                                               |
| Manufacturing Date | December 15, 2025                                     |
| Retest Date        | 24 months from manufacture when stored as recommended |
| Shelf Life         | 24 months                                             |
| Document Date      | January 4, 2026                                       |

### Analysis Results

| Test             | Specification / Typical Range                    | Result   |
|------------------|--------------------------------------------------|----------|
| Appearance       | Colorless to very pale yellow liquid. Page 3/5   | Conforms |
| Odor             | Characteristic sweet somewhat spicy odor.        | Conforms |
| Relative Density | 0.910 - 0.948 @ 20 °C                            | Conforms |
| Refractive Index | 1.457 – 1.471 @ 20°C                             | Conforms |
| Optical Rotation | Typical product range                            | Conforms |
| Solubility       | Soluble in alcohol and oils. Insoluble in water. | Conforms |
| GC-MS Profile    | Refer to accompanying GC-MS report               | Conforms |

### Quality Statement

This certificate is prepared from current reliable source data and typical lot information available to West Coast Aromatics. Natural products may vary from lot to lot. The product is released to the best of our knowledge when stored and handled according to recommended conditions.