

Certificate of Analysis

Product Name	Pepper Black
Botanical Name	Piper nigrum
INCI Name	Piper Nigrum Fruit Oil
Country of Origin	India
CAS Number	8006-82-4 / 84929-41-9
EC / EINECS Number	284-524-7
Lot Number	3568985
Manufacturing Date	January 7, 2026
Retest Date	24 months from manufacture when stored as recommended
Shelf Life	24 months
Document Date	January 29, 2026

Analysis Results

Test	Specification / Typical Range	Result
Appearance	Colorless to bluish green mobile liquid.	Conforms
Odor	Characteristic aroma.	Conforms
Relative Density	0.864 - 0.880 @20°C	Conforms
Refractive Index	1.478 - 1.488 @20°C	Conforms
Optical Rotation	-18° to -7°	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.