

**CERTIFICATE OF ANALYSIS**

Product Name	BLACK PEPPER OIL				
Product Code	EOPEPPB				
INCI Name	Piper Nigrum Fruit Oil				
Batch	220103	CAS	84929-41-9	BB:	01/2025

**TEST RESULTS**

ANALYTICAL TEST	SPECIFICATION RANGE	RESULT
Appearance	Clear colourless to light greenish yellow mobile liquid.	Conforms to Standard
Odour	Characteristic, spicy	Conforms to Standard
Specific Gravity @ 20°C	0.864 to 0.884	0.877
Refractive Index @ 20°C	1.474 to 1.492	1.4833
Optical Rotation 20°C	-23 to -1	-16.76

**STORAGE**

Store product in full, tightly closed containers in a cool dry place away from heat and sunlight.

**STABILITY**

When stored for more than 24 months, quality should be checked before use.

This Certificate of Analysis is based on Specification number 1 dated 24/02/2020.