



CERTIFICATE OF ANALYSIS (CoA)

Version 2.1
Revision Date: 4/13/2020

Product	Black Pepper Oil
Batch (Lot) #	101352
Botanical Name	Piper nigrum
Manufacture Date	6/2019
Expiration Date	6/2022
Country of Origin	India

<u>Physical Specifications</u>	<u>Range</u>	<u>Results</u>
Appearance	Colorless to light green liquid	Confirms
Odor	Characteristic black pepper odor.	Confirms
Specific Gravity (20°C)	0.8640 to 0.8950	Passes
Refractive Index (20°C)	1.4790 to 1.4880	Passes
Optical Rotation	-1.0 to -23.0	Passes
Solubility	Soluble in alcohol & oils. Insoluble in water.	Passes

Other Specifications

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