



NHR ORGANIC OILS  
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*Certificate of Analysis Sheet*  
**Organic Black Pepper Essential Oil**  
*(Piper nigrum)*

PRODUCT NAME: BLACK PEPPER, ESSENTIAL OIL ORGANIC
BATCH NUMBER: 050126-3
PRODUCT INCI: PIPER NIGRUM FRUIT OIL
CAS NUMBER: 84929-41-9
EINECS NUMBER: 284-524-7

<b>ANALYTICAL DETAILS</b>	<b>RANGE</b>	<b>RESULT</b>
APPEARANCE	LIQUID	COMPLIES
COLOUR	PALE YELLOW	COMPLIES
ODOUR	CHARACTERISTIC OF PEPPER, SPICY	COMPLIES
SPECIFIC GRAVITY @ 20°C	0.860 – 0.910	0.8663
REFRACTIVE INDEX @ 20°C	1.470 – 1.490	1.4785
OPTICAL ROTATION (°C)	-20.0 TO +4.0	-14.90

*The attached information is considered to be correct at the time the client received this information.  
Please be aware that detail can change and we encourage clients to update their records with NHR Organic Oils regularly.  
The information is not and should not be considered a guarantee or warranty, or a part of our contractual or other legal obligations.*