

Certificate of Analysis

(Representative Sample Certificate)

Product Name: Red Raspberry Seed Oil
INCI Name: Rubus idaeus (raspberry) seed oil
CAS Number: 381718-28-1
Lot Number: Not available (data may vary slightly with different lots or batches)
Expiration Date: 24 months from production date

Specifications	Analytical Method	Results
Appearance	Liquid	Complies
Color	Pale Yellow	Complies
Density@20° C	0.908-0.918	0.913
Refractive Index	1.472-1.482	1.477
Specific Gravity	0.912-0.928	0.918
Peroxide Value in Meq O ₂ /kg oil	Max. 10	2.0
Saponification Value (mg KOH/g oil)	180-190	185
Iodine Value	155-170	161
KOH SAP Value	0.1-0.2	0.18
Pesticides Residues	None	Complies
Additives	None	Complies
Insoluble Impurities (%)	<0.1 max.	0.01

The above data were obtained using the test indicated and is subject to the deviation inherent in the test method. Results may vary under other test methods or conditions.

This report is not to be signed.

Disclaimer: This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process. Such information is to be the best of the company's knowledge and believed accurate and reliable as of the date indicated. However, no representation, warranty or guarantee of any kind, express or implied, is made as to its accuracy, reliability or completeness and we assume no responsibility for any loss, damage or expense, direct or consequential, arising out of use. It is the user's responsibility to satisfy himself as to the suitability & completeness of such information for his own particular use.