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CERTIFICATE OF ANALYSIS

Product	Rosehip Oil (Refined)
Batch No	AG/1904001
Mfg. Date	April 2019
Expiry Date	March 2022
Date of Sampling	19-04-2019
Date of Report	19-04-2019.

Organoleptic Properties

Appearance	Oily liquid
Colour	Colorless to redish yellow
Odor	Mild characteristic odor
CAS No	84603-93-0
INCI name	Rosa canina Fruit Oil

Physico-Chemical Properties

	Standard	Results
Refractive Index	1.445 - 1.485	1.480
Specific gravity	0.910 to 0.931	0.919
Acid Value	Max 2.0	0.52
Iodine Value	160 – 195	175
Peroxide Value	Max 10.0	6.83
Water	Max 0.1%	Complies
Saponification value	180 to 200	191
Unsaponifiable MatterMax	1.50%	1.2%
Solubility	Very slightly soluble in Alcohol and completely miscible with light petroleum.	Complies
Fatty Acids	Fatty Acid <C16 Max 1%	0.6%
Palmitic Acid	3 to 9%	7.42%
Stearic Acid	1.5 – 4.5%	3.61%
Oleic Acid	23 to 38.0%	30.28%
Linoleic Acid	41 - 51%	45.09%
Alpha Linolenic Acid	10.0 - 22%	10.67%

Storage In well fitted container, in cool and dark place.

Prepared & Checked: J. Ben Date: 20/04/2019

..... Date of Retest 18-04-2020