

TECHNICAL DATA SHEET (TDS)

Product Name	BLACKCURRANT BUD (CASSIS) ABSOLUTE
Synonyms	BLACKCURRANT BUD ABSOLUTE OIL CASSIS ABSOLUTE OIL BLACKCURRANT BUD ESSENTIAL OIL CASSIS ESSENTIAL OIL
Botanical Name	Ribes nigrum
Product Code	PAO2002
CAS #	97676-19-2 ; 68606-81-5
FEMA #	2346
EINECS #	271-749-0

Part Used	Flower Buds
Quality	100% Pure and Natural
Note	Middle to Base Note

<u>PROPERTIES</u>	<u>SPECIFICATIONS</u>
Appearance	Greenish brown colored, slightly viscous, mobile liquid
Odour	Intense, green-fruity, tangy aroma with earthy undertones
Refractive Index	1.515 - 1.540 @ 20°C
Specific Gravity (g/mL)	1.038 - 1.108 @ 20°C
Solubility	Soluble in alcohols and fixed oils; Insoluble in water

<u>MICROBIAL ANALYSIS</u>	<u>SPECIFICATIONS</u>	<u>STANDARDS</u>
Aerobic Mesophilic Bacterial Count	< 100 CFU/g	ISO 21149
Yeast and Mould	< 10 CFU/g	ISO 16212
Candida albicans	ABSENT / 1g	ISO 18416
Escherichia coli	ABSENT / 1g	ISO 21150
Pseudomonas aeruginosa	ABSENT / 1g	ISO 22717
Staphylococcus aureus	ABSENT / 1g	ISO 22718

<u>HEAVY METAL TESTS</u>	<u>SPECIFICATIONS</u>	<u>STANDARDS</u>
Lead: Pb (mg/kg or ppm)	< 10 ppm	na
Arsenic: As (mg/kg or ppm)	< 2 ppm	na
Mercury: Hg (mg/kg or ppm)	< 1 ppm	na

STABILITY AND STORAGE:

Keep in tightly closed container in a cool and dry place, protected from sunlight. When stored for more than 24 months, quality should be checked before use.

As it is electronically generated document, hence no signature required.