

## TECHNICAL DATA SHEET

<b>Product Name</b>	<b>PASSIONFRUIT SEED (MARACUJA) OIL</b>
<b>Botanical Name</b>	Passiflora edulis
<b>Product Code</b>	PCO4068
<b>CAS #</b>	91770-48-8 ; 97676-26-1
<b>EINECS #</b>	294-833-9
<b>INCI Name</b>	Passiflora edulis Seed Oil

<b>Part Used</b>	Seeds
<b>Extraction Method</b>	Cold Pressed
<b>Quality</b>	100% Pure and Natural

<u>PROPERTIES</u>	<u>SPECIFICATIONS</u>
<b>Appearance</b>	Pale yellow colored liquid
<b>Odour</b>	Almost odourless
<b>Refractive Index</b>	1.460 - 1.480 @ 20°C
<b>Specific Gravity (g/mL)</b>	0.920 - 0.950 @ 20°C
<b>Saponification Value (mgKOH/g)</b>	180 - 200
<b>Peroxide Value (meq O<sub>2</sub>/kg)</b>	Less than 15.0
<b>Iodine Value (g I<sub>2</sub>/100g)</b>	135 - 145
<b>Free Fatty Acids (% oleic)</b>	Less than 5.0
<b>Acid Value (mgKOH/g)</b>	Less than 10.0
<b>Solubility</b>	Soluble in alcohols and fixed oils; Insoluble in water

### FATTY ACID COMPOSITION:

<u>FATTY ACID</u>	<u>C-CHAIN</u>	<u>SPECIFICATIONS</u>
<b>Palmitic Acid</b>	C16:0	5.00 – 15.00
<b>Palmitoleic Acid</b>	C16:1 (n-7)	Maximum 0.50
<b>Stearic Acid</b>	C18:0	1.00 – 5.00
<b>Oleic Acid</b>	C18:1 (n-9)	10.00 – 22.00
<b>Linoleic Acid</b>	C18:2 (n-6)	55.00 – 80.00
<b>Alpha-Linolenic Acid</b>	C18:3 (n-3)	Maximum 1.00
<b>Arachidic Acid</b>	C20:0	Maximum 1.00

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

DISCLAIMER: Please refer to all relevant technical information specific to the product, prior to use. The information contained in this document is obtained from current and reliable sources. Paros Perfumers provides the information contained herein, but makes no representation as to its comprehensiveness or accuracy. Individuals receiving this information must exercise their independent judgement in determining its appropriateness for a particular purpose.