



**TECHNICAL DATA SHEET (TDS)**

<b>PRODUCT</b>	Mace Essential Oil
<b>BOTANICAL NAME</b>	Myristica fragrans
<b>PRODUCT CODE</b>	DEO-1106
<b>CAS #</b>	8007-12-3 ; 84082-68-8
<b>EINEC #</b>	282-013-3
<b>MANUFACTURING DATE</b>	July 2024
<b>BEST BEFORE</b>	June 2026

<b>ORIGIN</b>	India
<b>PART USED</b>	Dried Aril
<b>EXTRACTION METHOD</b>	Steam Distillation
<b>BOTANICAL FAMILY</b>	Myristicaceae
<b>QUALITY</b>	100% Pure and Natural

<b>PROPERTIES</b>	<b>SPECIFICATIONS</b>
<b>APPEARANCE</b>	Pale yellow to reddish yellow liquid
<b>ODOR</b>	Delicate, sweet undertones, reminiscent of freshly grated nutmeg.
<b>SOLUBILITY</b>	Soluble in alcohols and fixed oils; Insoluble in water
<b>SPECIAL USE DIRECTION</b>	Dilute before use

<b>SPECIFIC GRAVITY (g/ml)</b>	0.880- 0.930 @ 25°C
<b>REFRACTIVE INDEX</b>	1.474- 1.488 @ 20°C
<b>OPTICAL ROTATION</b>	+8° to +25°

<b>PRIMARY CONSTITUENTS</b>	sabinene, $\alpha$ -pinene, myrcene, limonene, 1,8-cineole, terpinen-4-ol, myristicin.
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<b>COMMENTS</b>	Odour Quality is excellent
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<b><u>METAL TESTS</u></b>	<b><u>SPECIFICATIONS</u></b>	<b><u>STANDARDS</u></b>
<b>LEAD: Pb (mg/kg or ppm)</b>	< 10 ppm	Na
<b>ARSENIC: AS (mg/kg or ppm)</b>	< 2 ppm	Na
<b>MERCURY: Hg (mg/kg or ppm)</b>	< 1 ppm	Na

**STORAGE:** Shelf life of this product is influenced by many conditions of which temperature, exposure to light/ air and general good storage are the major factors. Store in dry, well-ventilated area in sealed drums, protected from sunlight. When stored for more than 24 months, quality should be checked before use.

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