

## SPECIFICATION SHEET

**VERSION** 1,00      **VERSION DATE** 19/09/22      **PRINT DATE** 18/05/24

**PRODUCT** MANDARIN INCOLORE DM FIRMENICH 956828  
**APPLICATIONS** Industrial raw material not intended for direct use.  
**IUPAC NAME** MANDARIN OIL  
**PLANT OF ORIGIN** Citrus reticulata blanco  
**PART OF THE PLANT** FRUIT PEEL  
**SYNONYMS**

**CAS** 84929-38-4  
**CAS 2** 8008-31-9  
**EINECS** 284-521-0

**FEMA** 2657  
**TARIFF NUMBER** 3301192000  
**KOSHER CERTIFICATE** AVAILABLE ON REQUEST

**REACH REGISTRATION NO.** 01-2120074120-72

### SPECIFICATIONS

**ASPECT AT 20°C** CLEAR MOBILE LIQUID  
**COLOUR** COLORLESS TO PALE YELLOW  
**ODOUR** FRUITY, CITRIC, SWEET  
**TASTE** CHARACTERISTIC  
**DENSITY AT 20°C (g / ml)** 0,840 - 0,850  
**DENSITY 25/25** -  
**REFRACTIVE INDEX n<sub>D20</sub>** 1,4720 - 1,4770  
**REFRACTIVE INDEX n<sub>D25</sub>** -  
**OPTICAL ROTATION (°)** 65,00 / 75,00  
**BOILING POINT (°C)** -  
**MELTING POINT (°C)** -  
**FLASH POINT (°C)** 49,00  
**ASSAY (% GC)**  
**ACID VALUE (mg KOH/g)** -  
**SOLUBILITY** INSOLUBLE IN WATER  
**VAPOUR PRESSURE** 266,6452 (Pa)  
**OTHER SOLUBILITIES** SOLUBLE IN ETHANOL

**OTHER TECHNICAL DATA** TOCOPHEROL (E306): 0,035%, SOYBEAN OIL: 0,015% - PEROXIDE INDEX < 20 mmol/L

### STABILITY AND STORAGE

KEEP IN TIGHTLY CLOSED CONTAINER IN A COOL AND DRY PLACE, PROTECTED FROM LIGHT. WHEN STORED FOR MORE THAN 24 MONTHS, QUALITY SHOULD BE CHECKED BEFORE USE.

TOCOPHEROL (E306): 0,035%. PURGE HEADSPACE WITH NITROGEN.

WE BELIEVE THE ABOVE INFORMATION TO BE CORRECT BUT WE DO NOT PRESENT IT AS ALL INCLUSIVE AND AS SUCH SHOULD BE USED AS A GUIDE. IT IS THE SOLE RESPONSIBILITY OF THE RECEIVER OF OUR PRODUCT TO COMPLY WITH EXISTING REGULATIONS AND INSTRUCTIONS.