

SPECIFICATION SHEET

VERSION 4,00 **VERSION DATE** 19/09/22 **PRINT DATE** 05/12/24

PRODUCT BERGAMOT OIL, BERGAPTENE FREE
APPLICATIONS Industrial raw material not intended for direct use.
IUPAC NAME BERGAMOT OIL WITHOUT BERGAPTENES
PLANT OF ORIGIN Citrus aurantium L. Subsp. Bergamia
PART OF THE PLANT FRUIT PEELS
SYNONYMS

CAS 89957-91-5
CAS 2 68648-33-9
EINECS 289-612-9

FEMA 2153
TARIFF NUMBER 3301192000

FOOD GRADE CERTIFICATE AVAILABLE ON REQUEST
REACH REGISTRATION NO. 01-2120117613-65

SPECIFICATIONS

ASPECT AT 20°C CLEAR MOBILE LIQUID
COLOUR YELLOW TO PALE GREEN
ODOUR SWEET, FRUITY
TASTE

DENSITY AT 20°C (g / ml) 0,850 - 0,870
DENSITY 25/25 -
REFRACTIVE INDEX nD20 1,4550 - 1,4700
REFRACTIVE INDEX nD25 -
OPTICAL ROTATION (°) 15,00 / 45,00
BOILING POINT (°C) 178
MELTING POINT (°C)
FLASH POINT (°C) 55,00
ASSAY (% GC) FUROCUMARIN < 20 ppm
ACID VALUE (mg KOH/g) -
SOLUBILITY INSOLUBLE IN WATER
VAPOUR PRESSURE NOT DETERMINED
OTHER SOLUBILITIES SOLUBLE IN ETHANOL

OTHER TECHNICAL DATA

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.

STORAGE TEMPERATURE RECOMMENDED: 8-12°C. 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.

THIS PRODUCT HAS NOT BEEN FILTERED DUE TO TECHNICAL REASONS. WE RECOMMEND NOT TO USE IT UNLESS FILTERED WHEN USED AS A RAW MATERIAL IN FOOD INTENDED FOR FINAL CONSUMERS.