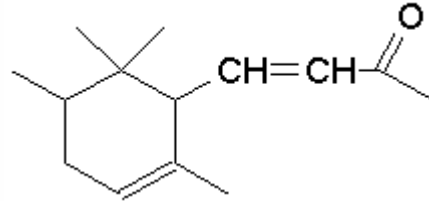


SPECIFICATION SHEET

VERSION 2,00 **VERSION DATE** 09/08/23 **PRINT DATE** 03/07/24

PRODUCT IRONE ALPHA FL
APPLICATIONS
IUPAC NAME 4-(2,5,6,6-TETRAMETHYL-2-CYCLOHEXEN-1-YL)-3-BUTEN-2-ONE
SYNONYMS 5-METHYL-ALPHA-IONONE

FORMULA C14 H22 O
MOLECULAR WEIGHT 206,33
CAS 79-69-6
CAS 2 54992-91-5
EINECS 201-219-6
EINECS 2 259-427-8
FEMA 2597
TARIFF NUMBER 2914230000



FOOD GRADE CERTIFICATE AVAILABLE ON REQUEST
REACH REGISTRATION NO. Not available. Substance lawfully placed in the EU market before 1 June 2018.

SPECIFICATIONS

ASPECT AT 20°C SLIGHT VISCOUS LIQUID
COLOUR PALE YELLOW TO PALE AMBER
ODOUR IRIS, WOODY, SWEET, FLORAL
TASTE
DENSITY AT 20°C (g / ml) 0,931 - 0,937
DENSITY 25/25 0,930 - 0,936
REFRACTIVE INDEX nD20 1,4990 - 1,5030
REFRACTIVE INDEX nD25 1,4970 - 1,5010
OPTICAL ROTATION (°) /
BOILING POINT (°C) 109°C (0,36 kPa); 290°C (1 atm)
MELTING POINT (°C) ca. -50°C
FLASH POINT (°C) 127,00
ASSAY (% GC) SUM OF TWO ISOMERS > 95 (45-60/38-48)
ACID VALUE (mg KOH/g) -
SOLUBILITY SOLUBILITY IN WATER: 32,5 mg/l at 20°C
VAPOUR PRESSURE 0,004 hPa (20°C)
OTHER SOLUBILITIES SOLUBLE IN ETHANOL

OTHER TECHNICAL DATA ISOMER TRANS-ALPHA 45-60%. ISOMER CIS-ALPHA 38-48%. THIS QUALITY MEETS THE REQUIREMENTS OF REGULATION 872/2012 OF EUROPEAN UNION.

STABILITY AND STORAGE

KEEP IN TIGHTLY CLOSED CONTAINER IN A COOL AND DRY PLACE, PROTECTED FROM LIGHT. WHEN STORED FOR MORE THAN 30 MONTHS, QUALITY SHOULD BE CHECKED BEFORE USE.

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.