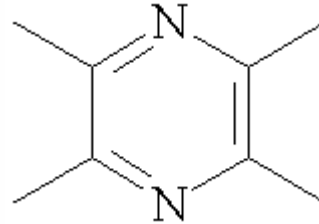


SPECIFICATION SHEET

VERSION 1,00 **VERSION DATE** 20/05/09 **PRINT DATE** 20/02/19

PRODUCT 2,3,5,6-TETRAMETHYLPYRAZINE NATURAL
APPLICATIONS Raw material for industrial use intended for the manufacture of flavours and/or fragrances.
IUPAC NAME 2,3,5,6-TETRAMETHYLPYRAZINE
SYNONYMS 2,3,5,6-TETRAMETHYLPYRAZINE, 2,3,5,6-TETRAMETHYL-1,4-DIAZINE

PLANT OF ORIGIN
PART OF THE PLANT FERMENTATION OF SUGAR
FORMULA C8 H12 N2
MOLECULAR WEIGHT 136,20
CAS 1124-11-4



EINECS 214-391-2

FEMA 3237
TARIFF NUMBER 2933998090

FOOD GRADE CERTIFICATE AVAILABLE ON REQUEST
REACH REGISTRATION NO. Exempt from registration (imported/manufactured < 1 ton/year)

SPECIFICATIONS

ASPECT AT 20° C CRISTALS OR POWDER
COLOUR WHITE
ODOUR CARAMEL,FERMENTED SOY,ROASTED,COCOA
TASTE
DENSITY A 20° C (g / ml) -
DENSITY 25/25 -
REFRACTIVE INDEX nD20 -
REFRACTIVE INDEX nD25 -
OPTICAL ROTATION (°) /
BOILING POINT (°C) 190°C (760 mm Hg)
MELTING POINT (°C) CA. 83 - 86
FLASH POINT (°C) 95,00
ASSAY (% GC) > 95
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.

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 TECHNOLOGICAL REASONS. WE RECOMMEND NOT TO USE IT UNLESS FILTERED WHEN USED AS A RAW MATERIAL IN FOOD INTENDED FOR FINAL CONSUMERS.