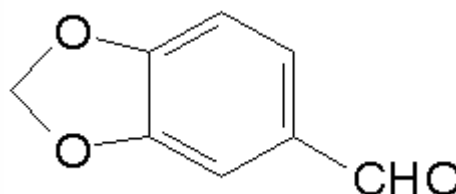


SPECIFICATION SHEET

VERSION	3,00	VERSION DATE	04/11/21	PRINT DATE	03/05/24
PRODUCT	PIPERONAL (HELIOTROPINE) NATURAL				
APPLICATIONS	Industrial raw material not intended for direct use.				
IUPAC NAME	3,4-METHYLENEDIOXYBENZALDEHYDE				
SYNONYMS	PIPERONAL, HELIOTROPINE				
PLANT OF ORIGIN					
PART OF THE PLANT					
FORMULA	C ₈ H ₆ O ₃				
MOLECULAR WEIGHT	150,00				
CAS	120-57-0				
EINECS	204-409-7				
FEMA	2911				
TARIFF NUMBER	2932930000				
KOSHER CERTIFICATE	AVAILABLE ON REQUEST				
FOOD GRADE CERTIFICATE	AVAILABLE ON REQUEST				
REACH REGISTRATION NO.	On request. REACH and non-REACH material available for this product.				



SPECIFICATIONS

ASPECT AT 20°C	CRYSTALLINE SOLID
COLOUR	WHITE (TENDS TO YELLOW BY HEATING)
ODOUR	SWEET, FLORAL
TASTE	BITTERSWEET
DENSITY AT 20°C (g / ml)	-
DENSITY 25/25	-
REFRACTIVE INDEX n_D20	-
REFRACTIVE INDEX n_D25	-
OPTICAL ROTATION (°)	/
BOILING POINT (°C)	-
MELTING POINT (°C)	35 - 38
FLASH POINT (°C)	120,00
ASSAY (% GC)	> 99
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.
RECOMMENDED STORAGE TEMPERATURE <25°C

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.