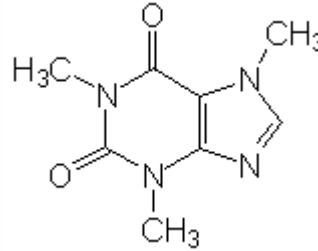


## SPECIFICATION SHEET

VERSION	2,00	VERSION DATE	14/12/21	PRINT DATE	17/07/24
<b>PRODUCT</b>	NATURAL CAFFEINE ANHYDROUS				
<b>APPLICATIONS</b>	Industrial raw material not intended for direct use.				
<b>IUPAC NAME</b>	3,7-DIHYDRO-1,3,7-TRIMETHYL-1H-PURINE-2,6-DIONE				
<b>SYNONYMS</b>	1,3,7-TRIMETHYLXANTHINE, TEINE, GUARANINE				
<b>PLANT OF ORIGIN</b>	Coffea spp				
<b>PART OF THE PLANT</b>					
<b>FORMULA</b>	C8 H10 N4 O2				
<b>MOLECULAR WEIGHT</b>	194,19				
<b>CAS</b>	58-08-2				
<b>EINECS</b>	200-362-1				
<b>FEMA</b>	2224				
<b>TARIFF NUMBER</b>	2939300000				
<b>KOSHER CERTIFICATE</b>	AVAILABLE ON REQUEST				
<b>FOOD GRADE CERTIFICATE</b>	AVAILABLE ON REQUEST				
<b>REACH REGISTRATION NO.</b>	On request. REACH and non-REACH material available for this product.				



## SPECIFICATIONS

<b>ASPECT AT 20°C</b>	POWDER
<b>COLOUR</b>	WHITE
<b>ODOUR</b>	NEARLY ODORLESS
<b>TASTE</b>	BITTER
<b>DENSITY AT 20°C (g / ml)</b>	-
<b>DENSITY 25/25</b>	-
<b>REFRACTIVE INDEX nD20</b>	-
<b>REFRACTIVE INDEX nD25</b>	-
<b>OPTICAL ROTATION (°)</b>	/
<b>BOILING POINT (°C)</b>	-
<b>MELTING POINT (°C)</b>	235-237,5
<b>FLASH POINT (°C)</b>	176,00
<b>ASSAY (% GC)</b>	> 98,5
<b>ACID VALUE (mg KOH/g)</b>	-
<b>SOLUBILITY</b>	SOLUBILITY IN WATER: 2,17 g/100 ml (25°C)
<b>VAPOUR PRESSURE</b>	20 hPa (89°C)
<b>OTHER SOLUBILITIES</b>	SLIGHTLY SOLUBLE IN ETHANOL: 1 g IN 75 ml
<b>OTHER TECHNICAL DATA</b>	LOSS ON DRYING: <0,5%

## STABILITY AND STORAGE

KEEP IN TIGHTLY CLOSED CONTAINER IN A COOL AND DRY PLACE, PROTECTED FROM LIGHT. WHEN STORED FOR MORE THAN 18 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 TECHNICAL REASONS. WE RECOMMEND NOT TO USE IT UNLESS FILTERED WHEN USED AS A RAW MATERIAL IN FOOD INTENDED FOR FINAL CONSUMERS.