# SPECIFICATION SHEET

| PRODUCT APPLICATIONS | 2,3,5,6-TETRAMETHYLPYRAZINE NATURAL BESTALLY
<table>
<thead>
<tr>
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<tbody>
<tr>
<td>IUPAC NAME</td>
<td>2,3,5,6-TETRAMETHYLPYRAZINE</td>
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<tr>
<td>SYNOMYS</td>
<td>2,3,5,6-TETRAMETHYL-1,4-DIAZINE</td>
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## PLANT OF ORIGIN

### PART OF THE PLANT

FERMENTATION OF SUGAR

### FORMULA

\[
\text{C}_8 \text{H}_{12} \text{N}_2
\]

### 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.

On request. REACH and non-REACH material available for this product.

## SPECIFICATIONS

### ASPECT AT 20º C

CRISTALS OR POWDER

### COLOUR

WHITE

### ODOUR

CARAMEL, FERMENTED SOY, ROASTED, COCOA

### TASTE

- DENSITY A 20º C (g / ml)
- DENSITY 25/25
- REFRACTIVE INDEX nD20
- REFRACTIVE INDEX nD25
- OPTICAL ROTATION (º)
- BOILING POINT (ºC)
- MELTING POINT (ºC)
- ASSAY (% GC)
- ACID VALUE (mg KOH/g)
- SOLUBILITY
- VAPOUR PRESSURE
- OTHER SOLUBILITIES

### DENSITY A 20º C (g / ml)

- 1.18

### DENSITY 25/25

- 1.17

### REFRACTIVE INDEX nD20

- 1.494

### REFRACTIVE INDEX nD25

- 1.493

### OPTICAL ROTATION (º)

- 0ºC (760 mm Hg)

### BOILING POINT (ºC)

- 84.0 to 98.0

### MELTING POINT (ºC)

- 0.0 to 4.0

### ASSAY (% GC)

- 99.5

### ACID VALUE (mg KOH/g)

- 0.0

### SOLUBILITY

- INSOLUBLE IN WATER

### VAPOUR PRESSURE

- NOT DETERMINED

### OTHER SOLUBILITIES

- SOLUBLE IN ETHANOL

## 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.