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|  synerzine TM | Title: | N625 Product Specification | | |
| | Document #: | 02-1006 | Rev #: | 003 |
| | Status: | ACTIVE | Date Issued: | 10/11/2021 |

Product Identifiers

| | |
|---------------|-------------------------------|
| Product Name: | 2,5-DIMETHYLPYRAZINE, NATURAL |
|---------------|-------------------------------|

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|------------------|-------------|-------|----------|--------|------|
| Synerzine Item # | N625 | CAS # | 123-32-0 | FEMA # | 3272 |
|------------------|-------------|-------|----------|--------|------|

Material Properties

| | | | |
|-------------------|--------|----------------------|--------|
| Molecular Formula | C6H8N2 | Flash Point (°F, CC) | 147 |
| Molecular Weight | 108.15 | Boiling Point | 155C |
| Shelf Life (days) | 1095 | Physical State | Liquid |

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|-----------------------|--|
| Solubility | Slightly soluble in water. Soluble in organic solvents. |
| Storage and Stability | Store in fully closed container in cool (~20°C) dry place. |
| Handling Precautions | Avoid contact of eyes and skin. In case of contact, flush copiously with water. Keep away from heat and flame. |

Specified Critical Limits

| Critical Property | Test Method | UOM | Lower Limit | Upper Limit |
|-------------------|-------------------------|--------------------------|----------------------------|-------------|
| Color | Visual Analysis | None | Colorless | Pale yellow |
| Odor | Organoleptic Analysis | None | Strong, chocolate, roasted | |
| Chemical Purity | Gas Chromatography | % Isomeric Sum | 98.0% | 100.0% |
| Density | Density Analysis | g/cm ³ @ 20°C | 0.980 | 1.010 |
| Refractive Index | Refractometric Analysis | nD20 | 1.495 | 1.503 |

Notes

Purity is a sum of isomers (Isomer 1 = 94-100%; Isomer 2 = 0-6%). May contain up to 0.1% 2,3-DIMETHYL PYRAZINE

This specification was generated electronically, and is therefore unsigned.

Synerzine

Quality Control Dept.

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