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|--|--------------------|------------------------------|---------------------|-------|
|  <b>synerzine</b> <sup>TM</sup> | <b>Title:</b>      | 6250_B Product Specification |                     |       |
|  | <b>Document #:</b> | 02-1006                      | <b>Rev #:</b>       | 000   |
|  | <b>Status:</b>     | ACTIVE                       | <b>Date Issued:</b> | 43381 |

**Product Identifiers**

|               |                             |
|---------------|-----------------------------|
| Product Name: | 2-METHOXY-5-METHYL PYRAZINE |
|---------------|-----------------------------|

|                  |               |       |           |        |      |
|------------------|---------------|-------|-----------|--------|------|
| Synerzine Item # | <b>6250_B</b> | CAS # | 2882-22-6 | FEMA # | 3183 |
|------------------|---------------|-------|-----------|--------|------|

**Material Properties**

|                   |         |                      |        |
|-------------------|---------|----------------------|--------|
| Molecular Formula | C6H8N2O | Flash Point (°F, CC) | 143°F  |
| Molecular Weight  | 124.143 | Boiling Point        | 167°C  |
| Shelf Life (days) | 730     | Physical State       | Liquid |

|                       |  |
|-----------------------|--|
| Solubility            | Soluble in Alcohols; Soluble in water up to ~5,400 mg/L at 25°C.   |
| Storage and Stability | Store in fully closed container in cool (~20°C) dry place. Stable for years, with slight development of discoloration. |
| 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                     | Nut-like, Peppery |             |
| Chemical Purity   | Gas Chromatography      | %                        | 98.0%             | 100.0%      |
| Density           | Density Analysis        | g/cm <sup>3</sup> @ 20°C | 1.081             | 1.091       |
| Refractive Index  | Refractometric Analysis | nD20                     | 1.500             | 1.510       |

**Notes**

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*This specification was generated electronically, and is therefore unsigned.*