

## PRODUCT IDENTITY

|                 |                    |                |                                      |
|-----------------|--------------------|----------------|--------------------------------------|
| PRODUCT NAME    | 1,5-Dicyanopentane | PRODUCT NUMBER | D121816                              |
| Grades & Purity | ≥98%               | VERSION        | 3                                    |
| CAS NUMBER      | 646-20-8           | FORMULA        | NC(CH <sub>2</sub> ) <sub>5</sub> CN |
| FORMULA WEIGHT  | 122.17g/mol        |                |                                      |

## ACCEPTANCE CRITERIA

| PARAMETER                           | SPECIFICATION / LIMIT                   |
|-------------------------------------|-----------------------------------------|
| Refractive index n <sub>20</sub> /D | 1.44-1.443                              |
| Density (20°C)                      | 0.945-0.949                             |
| Purity(GC)                          | 98-100 (%)                              |
| Appearance (D121816)                | Colorless to Pale Yellow Viscous Liquid |
| Infrared spectrum                   | Conforms to Structure                   |
| Proton NMR spectrum                 | Conforms to structure                   |