

## SPECIFICATION

### Magnesium Myristate

| Parameters        | Specification                                                            |
|-------------------|--------------------------------------------------------------------------|
| CAS Number        | 4086-70-8                                                                |
| Appearance        | White powder                                                             |
| Molecular Formula | C <sub>28</sub> H <sub>54</sub> MgO <sub>4</sub>                         |
| Molecular Weight  | 479.04 g/mol                                                             |
| Boiling Point     | 600 °C                                                                   |
| Melting Point     | 90 °C                                                                    |
| Flash Point       | 320 °C                                                                   |
| Purity            | 98–99%                                                                   |
| Refractive Index  | 1.46                                                                     |
| Solubility        | Insoluble in water soluble in organic solvents                           |
| Uses              | Lubricant and release agent in pharmaceutical tablets cosmetic excipient |