

## SPECIFICATION

### Magnolan

| Parameters       | Specification                                                                           |
|------------------|-----------------------------------------------------------------------------------------|
| CAS Number       | 9389171                                                                                 |
| Appearance       | White to off-white powder                                                               |
| Molecular Weight | 322.36 g/mol                                                                            |
| Boiling Point    | 540 °C                                                                                  |
| Melting Point    | 98 °C                                                                                   |
| Flash Point      | 230 °C                                                                                  |
| Purity           | 98–99%                                                                                  |
| Refractive Index | 1.585                                                                                   |
| Solubility       | Soluble in ethanol and DMSO;<br>insoluble in water                                      |
| Uses             | Used in pharmacological and<br>natural product research as a<br>Magnolia-derived lignan |