

# Specification

## Technical Data Sheet

|                                  |                              |
|----------------------------------|------------------------------|
| <b>Product Name</b>              | D-Talose                     |
| <b>Product No</b>                | 41482505                     |
| <b>CAS Number</b>                | 2595-98-4                    |
| <b>Storage Temperature</b>       | Ambient                      |
| <b>Molecular Weight</b>          | 180.16                       |
|                                  | <b>Specification</b>         |
| <b>Appearance</b>                | White crystalline powder     |
| <b>Heavy metals</b>              | No single component >0.0005% |
| <b>Melting Point</b>             | ≥125°C                       |
| <b>Specific optical rotation</b> | +20 to +22                   |
| <b>Sulfated ash</b>              | ≤0.1%                        |
| <b>Assay HPLC</b>                | ≥99.0%                       |
| <b>Water KF</b>                  | ≤0.5%                        |