



## SPECIFICATION

### D-Talose

Product Code:	MT00255
CAS Number:	2595-98-4
Chemical Formula:	$C_6H_{12}O_6$
Molecular Weight:	180.16

## TECHNICAL SPECIFICATION

Appearance:	White crystalline powder
Assay (HPLC):	min 99%
Specific Optical Rotation [ $\alpha$ ] <sub>D</sub>	+20.0 to +22.0° <sup>20</sup> (c=3, H <sub>2</sub> O, 24hr):
Melting Point:	min 125 °C
Heavy Metals:	No single component >0.0005%
Sulfated ash:	max 0.1%
Water content (Karl Fischer):	max 0.5%