



## SPECIFICATION

### D-Mannoheptulose

Product Code:	MM05228
Synonyms:	D-Manno-2-heptulose
CAS Number:	3615-44-9, 654-29-5
Chemical Formula:	$C_7H_{14}O_7$
Molecular Weight:	210.18

## TECHNICAL SPECIFICATION

Appearance:	White powder
Purity (TLC):	min 98%
Specific optical rotation [ $\alpha$ ] <sub>D</sub>	+23.0 to +29.0° <sup>20</sup> (c=3, H <sub>2</sub> O):
Melting point:	148 - 155°C
Identity ( <sup>1</sup> H NMR):	Conforms to structure