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## Specification Sheet

Product Name: **Methyl- $\beta$ -D-glucopyranoside hemihydrate**  
Specifications & Purity: **99%**  
SKU #: **M120896**

Parameter	Limit Values
Purity(HPLC)	99-100 (%)
Melting point	106-111 (°C)
Specific Rotation [ $\alpha$ ] <sub>20</sub> /D(c=1 in H <sub>2</sub> O)	-38--32 (°)
Water by Karl Fischer	0-5 (%)
Appearance (M120896)	White to Off-White Powder or Solid or Chunks
Solubility in H <sub>2</sub> O , soluble0.1 g/mL, clear, colorless	pass
Proton NMR spectrum	Conforms to Structure

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