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## Specification

Product name: D-Cellobiose	
Product code: TC0187	Chemical Formula: C <sub>12</sub> H <sub>22</sub> O <sub>11</sub>
CAS No.: 528-50-7	MW: 342.3

Item	Specification
Appearance	White to off-white crystalline powder
Purity (HPLC)	>98%
Identity (HNMR)	Conform to structure
Solubility (0.5% in water)	Clear, colorless solution
Specific optical rotation [α] <sup>20</sup> <sub>D</sub> (c=4, H <sub>2</sub> O)	+33 to +35°
Melting point	235 to 239°C
Heavy metals (as Pb)	<20ppm
Sulfated ash	<0.1%

**Notes:** Protect from light and moisture air. Store at 2-8°C.

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