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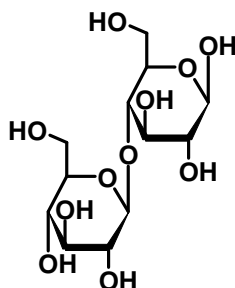
Product Specifications

Cellobiose

CAS 528-50-7

Syn: D-(+)-Cellobiose; β -Cellobiose; Cellulose; 4-(β -D-Glucosido)-D-glucose

Structure:



Mol. Formula
Source

$C_{12}H_{22}O_{11}$

Mol. Wt.

342.3

*Micro-organism action on plant (cotton)
cellulose; production process free of any
animal or animal-derived product.*

| <i>Test</i> | <i>Specification</i> |
|--|---|
| Appearance | White crystalline powder |
| Mp | 225 °C [Lit.] |
| Assay | > 99% |
| Sp. Rot., $[\alpha]_D$ | +14.2° → + 34.6° (15 hr, c = 8; H ₂ O) [Lit.] (undergoes mutarotation) |
| LOD | < 1.0% (crystals retain 0.25 to 0.50 mol water after drying <i>in vacuo.</i>) |
| Ash (residue on ignition) | < 0.5% |
| Heavy metals | < 10 ppm |

Storage: Maintain in cool, dry containment.