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### *Certificate of Analysis*

Catalogue Number 04-1459  
 Lot Number 001855-021914-01407  
 Product **D(+)-Cellobiose**  
 $\beta$ -D-Glucopyranosyl[1 $\rightarrow$ 4]-D-glucopyranose  
 CAS Number 528-50-7  
 Molecular Formula  $C_{12}H_{22}O_{11}$   
 Molecular Weight 342.3

Appearance White powder  
 Melting Point 236 °C  
 Heavy Metals < 20 ppm  
 Optical Rotation +34.8°  
 Loss on Drying 0.43%  
 Assay 98.90%  
 Storage Store at RT