

# CERTIFICATE OF ANALYSIS

Product Description      CELLOBIOSE  
Product Number        C1842  
Lot Number              HEY1842005  
Molecular Weight      342.30  
Formula                 C<sub>12</sub>H<sub>22</sub>O<sub>11</sub>  
CAS Number            528-50-7  
Storage Temperature   Room Temperature

## Physiochemical Specifications:

TEST	SPECIFICATION	RESULTS
Solubility	Soluble in Water @ 10 mg/mL	Passes
pH	Under Development	6.1
Physical Appearance Color* Texture	Under Development Fine to Coarse Powder	PM-4 White Fine Powder
Solution Appearance Color Clarity	Under Development Clear	Colorless Clear
Average Time to Dissolve	For Information Only (Approx. 10 mins)	Passes
Insolubles	None	Passes
FTIR	Conforms to Structure	Passes
Purity	Minimum 98.0%	>99%

\* Product color based upon comparisons between sample and standardized color wheel (Benjamin Moore® Color Preview™).

The material described in this certificate was manufactured in the United States of America and is synthetic in nature. No animal- or plant-derived components were used in the manufacture of this product.

**PhytoTech Labs Inc. provides the above information intended to be used only as a guide to the appropriate handling of this material by a properly trained person. PhytoTech Labs Inc. shall not be held liable for any damage resulting from handling or from contact with the above product. This product is intended for LABORATORY USE ONLY. Our products may NOT BE USED as drugs, cosmetics, agricultural or pesticidal products, food additives or as household chemicals.**

Product Release Date: 8-September-2021  
Recommended Shelf Life Date: September 2029



---

David S. Hart  
Technical Services Manager