



## Certificate of Analysis

### Sucrose Food Grade

**Catalog Number:** SU1003  
**Lot Number:** 0918701  
**CAS Number:** 57-50-1  
**Molecular Formula:** C<sub>12</sub>H<sub>22</sub>O<sub>11</sub>  
**Molecular Weight:** 342.20  
**Storage:** 15°C – 30°C  
**Retest Date:** December 18, 2021

Test	Specification	Result
Appearance	White crystals	Conforms
Assay	≥ 99.0%	> 99.9%
FTIR	To match reference spectrum	Conforms
Specific Rotation (c=2, H <sub>2</sub> O)	+63° to +69°	66.9°
Melting Point	177°C – 187°C	183.5°C – 184.4°C
Color	≤ 60	51
Moisture	Report	0.02%
Ash	Report	0.01%
Sediment, Coarse:	Report	2
Sieve Test		
USS20	Report	2.6%
USS40	Report	38.9%
USS100	Report	4.1%

Approved by:

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