

**PRODUCT SPECIFICATION SHEET**  
**Sucrose Crystal, ACS Reagent Grade**  
**Product Specification**

| Test                        | Specification                   | Typical Results |
|-----------------------------|---------------------------------|-----------------|
| Description                 | Almost white crystalline powder | Pass            |
| Specific rotation (α) 25° D | +66.3° to +66.8°                | +66.5°          |
| Insoluble matter            | Max 0.005%                      | 0.002%          |
| Loss on drying              | Max 0.03%                       | 0.01%           |
| Residue after ignition      | max 0.01%                       | 0.0029%         |
| Titration Acid              | Max 0.0008 meq/g                | 0.0006 meq/g    |
| Chloride                    | Max 0.005%                      | <0.0055         |
| Sulfate and Sulfite         | Max 0.005%                      | <0.005%         |
| Heavy metals as Pb          | Max 5ppm                        | <5ppm           |
| Iron                        | Max 5ppm                        | <5ppm           |
| Invert Sugar                | Max 0.05%                       | 0.02%           |

Appropriate/legal use of this product is the responsibility of the user.

[Sucrose Crystal, ACS Reagent Grade](#)

Phone: 512-668-9918, Fax: 512-886-4008, E-mail: [Customerservice@laballey.com](mailto:Customerservice@laballey.com)  
[www.laballey.com](http://www.laballey.com)

12501 Pauls Valley Road, Suite A, Austin, Texas 78737  
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