



## AR2021 Sucrose Reference Material

AR2021, Lot No: 240304	
Element	Value
% Carbon	42.11
% Hydrogen	6.48
% Oxygen	51.41

This product is a Reference Material (RM) verified by purity and empirical stoichiometry. All reference materials should be verified as fit for purpose prior to use. Analytical values are accredited under Alpha Resources, LLC ISO/IEC 17025 and ISO 17034 accreditation issued by ANSI National Accreditation Board (ANAB). Refer to certificates and scopes of accreditation AT-1200 and AR-1920. Each bottle contains 50 g of high purity (99.99%+) sucrose (C<sub>12</sub>H<sub>22</sub>O<sub>11</sub>) reference material and is intended for use directly from the bottle without preparation. Refer to test method recommendations for an appropriate sample size. The intended use of this RM is for the calibration and validation of combustion analyzers with infrared or thermal conductivity detection.

This product should be kept sealed and stored under normal laboratory conditions. The values reported for this reference material are considered valid until December 15, 2026. Remedies for any claimed defect in this product will be limited to product replacement or refund of the purchase price. In no event shall Alpha Resources be liable for incidental or consequential damages. This certificate cannot be reproduced except in full. Produced in accordance with ISO 17034.

Certification Date: June 17, 2024  
Updated: January 28, 2026

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