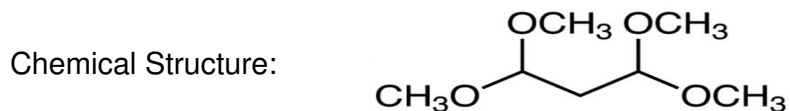


Certificate of Analysis

Product Name: 1,1,3,3-Tetramethoxypropane
Cat. No.: GD21756
Batch No.: 2
Chemical Name:

PHYSICAL AND CHEMICAL PROPERTIES

Cas. No.: 102-52-3
Molecular Formula: $C_7H_{16}O_4$
Molecular Weight: 164.2
Storage: Store at RT, argon filling



ANALYTICAL DATA

Appearance: A liquid
HNMR: Consistent with structure
HPLC: Consistent with structure
Purity: >98.50%
Conclusion: The product has been tested and complies with the given specifications.

Caution: Product has not been fully validated for medical applications. For research use only.

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA