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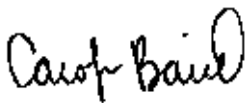
## Certificate of Analysis

Product Name:

Carbonate-Bicarbonate Buffer - capsule

**Product Number:** C3041  
**Batch Number:** SLCB7731  
**Brand:** SIGMA  
**Quality Release Date:** 21 AUG 2019

Test	Specification	Result
Appearance (Color)	Colorless	Colorless
Appearance (Form) size 2	Capsule	Capsule
Appearance (Turbidity)	Clear	Clear
Weight	406.8 - 497.2 mg	452.0 mg
pH	9.3 - 9.9	9.6
Dissolution Time	≤ 5 min	1 min
Note	-----	-----
Dissolution Time and pH are results from the contents of one capsule dissolved in 100ml of purified H <sub>2</sub> O. Reconstitution: The contents of one capsule dissolved in 100 mL of deionized water yields 0.05 M Carbonate-Bicarbonate Buffer, pH 9.6 at 25 degrees C.		



Carolyn Baird, Supervisor  
 Quality Assurance  
 St. Louis, Missouri US

Sigma-Aldrich warrants, that at the time of the quality release or subsequent retest date this product conformed to the information contained in this publication. The current Specification sheet may be available at Sigma-Aldrich.com. For further inquiries, please contact Technical Service. Purchaser must determine the suitability of the product for its particular use. See reverse side of invoice or packing slip for additional terms and conditions of sale.