

## Certificate of Analysis

Product: 1,3-Butanediol  
 Technical grade  
 CAS # 107-88-0  
 CHEMICAL FORMULA : **C4H10O2**  
 QC Release Date: May, 2026

Product Code: CP-D7874P  
 Lot: VM111417  
 Density: 1.005 g/mL, 25C (lit.)  
 F.W. 90.12 g/mol  
 Retest: May, 2029

Characteristic	Requirement		Results	Units
	Min.	Max.		
Appearance ( Color )	Clear		Clear	n/a
Appearance ( Form )	Liquid, free from solids		Liquid, free	n/a
Assay - 1,3-Butanediol	99.5		99.9	%
Acidity, as acetic acid		0.50	0.04	%
Color, Pt/Co scale		10	2	Pt-Co unit
Specific gravity @ 20/20C	1.0040	1.0060	1.0054	n/a
Refractive Index @ 20C	1.4390	1.4410	1.4401	n/a

This is to certify that samples of the lot number above were tested and found to comply with the stated specifications. Some or all data have been provided by vendors/third parties. ChemPure Brand Chemicals expressly disclaims all warranties, expressed or implied, including the implied warranties of merchantability and fitness for a particular use or purpose. Persons using this information should make their own determination regarding its suitability for their particular use.

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