
 Updated: 23-Jan-2026

Certificate of Analysis

(Representative Sample Certificate)

Product Name: Butylene Glycol
INCI Name: Butylene Glycol
CAS Number: 107-88-0
Lot Number: Not available (data may vary slightly with different lots or batches)
Standard Shelf Life: 12 months from production date

Property	Specification	Analysis
1,3 Butylene Glycol	99.5% MIN	99.9%
Water	0.50% MAX	0.03%
Acidity (as Acetic Acid)	0.005% MAX	0.000
Pt-Co Color (Hazen/APHA Color)	10 Pt-Co unit MAX	2 Pt-Co unit
Specific Gravity @ 20/20 °C	1.004 - 1.006	1.005
Ash (Residue on Ignition)	0.05% MAX	<0.01%
Sulfates	0.005% MAX	<0.000%
Elemental Impurities, each	1 ppm MAX	<1 ppm
Arsenic	2 ppm MAX	<1 ppm
Distillation Range, 95% @ 203-209 °C (*)	Passes Test	Pass
Initial Boiling Point	200.0 °C MIN	207.6 °C
Final Boiling Point	215.0 °C MAX	208.2 °C
Refractive Index @ 20 °C	1.4390 - 14410	1.4401
Appearance	Clear and free liquid	Pass
Odor (+)	Low Intensity; Typical odor	Pass

(+) Meets odor standard.

The values shown represent testing performed on bulk material and are not shipment specific, unless indicated with an asterisk (*).

"Certified in compliance with the terms of the US-Canada Organic Equivalency Arrangement. The above data was obtained using the test indicated and is subject to the deviation inherent in the test method. Results may vary under other test methods or conditions. This report is not to be signed. All data are as per our supplier.

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