

Certificate of Analysis

(Representative Sample Certificate)

Product Name: Propanediol 1,3
INCI Name: Propanediol
CAS Number: 504-63-2
Lot Number: Not available (data may vary slightly with different lots or batches)
Expiration Date: 24 months from production date

Analytical Tests	Specification	Analysis
1,3 - Propanediol (%)	99.8-100	99.99
Hazen Color	10 Maximum	5.4
Water ppm	1000 Maximum	76.2
Appearance	Suspended Matter	PASS

The above data were 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.