

# Certificate of Analysis

Date: January 3, 2024

**Product:** Propanediol 1,3

**Lot/Batch Number:** PRDL231123

**Manufacture Date:** September 2023

**Best before:** September 2025

PROPERTIES	SPECIFICATIONS	RESULTS
1,3 Propanediol [%]	99.8 – 100	99.95
Hazen Color	0 – 10	2.9
Water by Karl Fisher [ppm]	0 – 1000	37.5
Appearance, Suspended Matter	PASS	PASS

\*Shelf life is influenced by many conditions of which temperature, exposure to light/air and general good storage are the major factors. Materials stored in adverse conditions will deteriorate much faster. Re-Test dates signifies minimum timeframe that product should remain in good useable conditions if stored as recommended. Expiry date is subjective. Typical indicators of re-test failure would be changes in organic properties such as clarity, colour, sediment, haze, off odour. Such changes may be gradual and slight.

\*Some products may crystallize when exposed to extreme cold. Apply gentle heat and mix to restore product.

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