

CERTIFICATE OF ANALYSIS

Product Name	1, 3-propanediol		
CAS Number:	504-63-2		
Formula:	C3H8O2		
Batch Number	20221126	Manufacture Date	20221126
Report Date	20221126	Expiry Date	20241125

Item of Analysis	Specification	Results
Assay	99%	99.6%
Appearance	Liquid or Viscous Liquid	Conforms
Boiling point	213 - 215 °C (1013 hPa)	214°C
Density	1.05 g/cm ³ (20 °C)	Conforms
Explosion limit	2.5 %(V)	Conforms
Ignition temperature	405 °C	Conforms
Melting Point	-32 °C	Conforms
pH value	4.5 - 7.0 (100 g/l, H ₂ O, 20 °C)	6.5
Vapor pressure	<0.1 hPa (20 °C)	Conforms
Solubility	100 g/l	Conforms

Storage: Store in tight, light-resistant containers, avoid exposure to direct sunlight, moisture and excessive heat.

Shelf Life: 24 months if store under the conditions above and stay in original packaging.

