



## Certificate Of Analysis

|             |                             |                   |                                              |
|-------------|-----------------------------|-------------------|----------------------------------------------|
| Item Number | BX02                        | Lot Number        | 20240112                                     |
| Item        | Propylene Glycol -USP Grade | Molecular Formula | C <sub>3</sub> H <sub>8</sub> O <sub>2</sub> |

| TEST                        | UNIT  | SPECIFICATION                  | RESULT                         |
|-----------------------------|-------|--------------------------------|--------------------------------|
| Appearance                  | /     | Colorless clear viscous liquid | Colorless clear viscous liquid |
| Assay                       | %     | 99.80min                       | 99.92                          |
| EG                          | ppm   | 50max                          | N.D.                           |
| DEG                         | ppm   | 50max                          | N.D.                           |
| Residue on Ignition         | mg    | 2.5max                         | 0.9                            |
| Chloride                    | w/%   | 0.007max                       | <0.007                         |
| Sulfate                     | w/%   | 0.006max                       | <0.006                         |
| Heavy metals                | ppm   | 5max                           | <5                             |
| Specific Gravity(25°C/25°C) | /     | 1.035-1.037                    | 1.036                          |
| Acidity(0.1N NaOH)          | mL    | 0.05max                        | 0.01                           |
| Moisture                    | w/%   | 0.10max                        | 0.055                          |
| Fe                          | ppm   | 0.1max                         | 0.020                          |
| Colouring (Pt-Co)           | Hazen | 10max                          | <5                             |
| IBP                         | °C    | 184min                         | 186.4                          |
| DP                          | °C    | 189min                         | 186.7                          |

Certificate of Analysis Results Entered By:

Certificate of Analysis Results Approved By:

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