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Registered Off. : 101-A, Deep Enclave, Pocket "D", Ashok Vihar, Phase-III, Delhi-110 052 (India)
Corporate Off. : 152, Vardhman City Centre, Near Shakti Nagar Underbridge, Delhi-110052 (India)
Works : Plot No.1022, Modern Industrial Estate, Bahadurgarh-124507, Haryana (India)
Telephone : 0091 - 11 - 23646422 E-mail : tecpharm@gmail.com
Website : www.technopharmchem.com

CERTIFICATE OF ANALYSIS

Name of the Sample : **Methanol AR Grade**
Batch No. : **225902**
Date of Mfg. : **Aug 2022**
Date of Exp. : **July 2027**
Register No. : **2022-23**
Qty of Sample : **500ml**
Date of Analysis : **Aug 2022**

| S. No | Test Parameters | Observed Values | Standard Values |
|-------|----------------------------------|-----------------|---------------------------|
| 1. | Description | Passes | A Clear colorless liquid. |
| 2. | Assay | 99.9% | Min.99.8% |
| 3. | Wt. per ml at 20°C | 0.7911 gm | About 0.791 g |
| 4. | Colour | Passes | Max.10 Hazen units |
| 5. | Water | 0.065% | Max.0.1% |
| 6. | Acidity (H.COOH) | 0.0001% | Max.0.001% |
| 7. | Alkalinity | 0.0002% | Max.0.0002% |
| 8. | Non-volatile matter | 0.0004% | Max.0.001% |
| 9. | Aldehydes and ketones | 0.0008% | Max.0.005% |
| 10. | Copper | 0.000002% | Max.0.000002% |
| 11. | Iron | 0.00002% | Max.0.00002% |
| 12. | Potassium | 0.00002% | Max.0.00002% |
| 13. | Sodium | 0.0001% | Max.0.0001% |
| 14. | Organic impurities | Passes | To Passes test |
| 15. | Substances reducing permanganate | Passes | Max.0.00025% |

Chief Chemist