



PT. PANCASAKTI PUTRA KENCANA
IMPORTIR AND STOCKIST OF INDUSTRIAL AND FOOD CHEMICALS

F/QCL/002 Rev.02

CERTIFICATE OF ANALYSIS

Product Name : Methanol
Batch No. : 01D301224
Formula : CH₃OH
Cas No : 67-56-1
Date Of Analysis : Desember, 30 2024
Exp Date : Desember, 30 2027

| NO. | ITEM TEST | UNITS | METHOD | RESULT |
|-----|-----------------------------------|-------------|----------------|--------------------------------------|
| 1. | Appearance | — | IMPCA 001-14 | Clear and free of suspended matter |
| 2. | Color | Pt-Co scale | ASTM D-1209-11 | < 10 |
| 3. | Specific Gravity at 20 °C | — | ASTM D-4052-11 | 0.791 |
| 4. | Methanol Purity | wt % | IMPCA 001-14 | 99.986 |
| 5. | Water Content | wt % | ASTM E 1064-12 | 0.0502 |
| 6. | Odour | — | ASTM D 1296-12 | Characteristic, free of foreign odor |
| 7. | Acidity (as CH ₃ COOH) | mg/kg | ASTM D-1613-12 | 13.77 |
| 8. | Acetone | mg/kg | IMPCA 001-14 | NIL |
| 9. | Ethanol | mg/kg | IMPCA 001-14 | 4.36 |
| 10. | Non-Volatile matter | mg/1000ml | ASTM D-1353-13 | NIL |
| 11. | Distillation, IBP | °C | ASTM D-1078-11 | 64.6 |
| 12. | Distillation , Range | °C | ASTM D-1078-11 | 0.30 |
| 13. | Distillation ,FBP | °C | ASTM D-1078-11 | 64.90 |
| 14. | Hydrocarbon | — | ASTM 1722-09 | Passes Test |
| 15. | Permanganate Time | Minute | ASTM D-1363-11 | 98 |
| 16. | Alkalinity (as NH ₃) | mg/kg | ASTM D 1614-03 | NIL |
| 17. | Carbonizable Substance | Pt-Co scale | ASTM E 346-08 | 5.0 |
| 18. | Chloride as Cl ⁻ | mg/kg | IMPCA 002-98 | 0.051 |
| 19. | Tri Methyl Amine | mg/kg | ASTM E 346-09 | < 0.005 |
| 20. | Total Iron | mg/kg | ASTM E 394-08 | 0.030 |
| 21. | Sulphur | mg/kg | ASTM D 5453-12 | NIL |

Remark : This Certificate refers to the lested sample only and item test for IBP, DP, result based on COA maker

PT. Pancasakti Putra Kencana



Yuvraj Sagvekar
Quality Control