


CERTIFICATE OF ANALYSIS

Product: Metanol PA 3X5L (1124)
Batch Number: 6092205
Date of Manufacture: 2018-06-20
Used Before: 2020-05-31

| Analysis | Method | Specification | Results | Unit |
|-----------------------------------------|--------------|----------------------------|----------|-------------------|
| Methanol content | GC | ≥99,85 | >99,85 | % w/w |
| Water content | ASTM E 203 | ≤0,1 | <0,1 | % w/w |
| Density (20 °C) | | 0,790-0,794 | Confirms | g/cm ³ |
| Refractive index (20 °C) | | 1,328-1,331 | Confirms | |
| Colour (Hazen) | ASTM D 1209 | ≤ 10 | ≤ 10 | |
| Flash Point | ASTM D 56 | 11 | 11 | °C |
| Distillation range | ASTM D 1078 | 1,5 °C (including 64,6 °C) | Confirms | |
| Non-volatile matters | ASTM D 1353 | ≤ 8 | ≤ 8 | mg/L |
| Acidity (As acetic acid) | ASTM D 1613 | ≤ 30 | ≤ 30 | ppm |
| Permanganate time (15 °C) | | > 50 | > 50 | Minutes |
| Carbonizables (Sulfuric acid wash test) | ASTM E 346 | ≤ 50 | ≤ 50 | Pt-Co scale |
| Hydrocarbons | ASTM D 1722 | Passes the test | Confirms | - |
| Acetone content | AC | ≤ 30 | ≤ 30 | ppm |
| Aldehyde | IMPCA 001-14 | ≤ 10 | < 10 | mg/kg |
| Free alkali (as NH ₃) | IUPAC | ≤ 0,8 | < 0,8 | ppm |

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