

PT. PANCASAKTI PUTRA KENCANA

IMPORTIR AND STOCKIST OF INDUSTRIAL AND FOOD CHEMICALS

F/QCL/002 Rev.02

CERTIFICATE OF ANALYSIS

Product Name : Ethanol 96% (Teknis)

| NO. | TESTS | UNITS | SPECIFICATIONS | RESULTS |
|-----|------------------------|-------------------|------------------------|------------------------|
| | | | | |
| 1. | Appearance | _ | Clear colorless liquid | Clear colorless liquid |
| 2. | Total Alcohol content | v/v % | min 96.0 | 96.60 |
| 3. | Color | Hazen | max 10 | < 10 |
| 4. | Odor | - | Characteristic odor | Characteristic odor |
| 5. | Wt per ml at 20°C | g/cm ³ | 0.790 - 0.812 | 0.798 |
| 6. | Boiling Point | °C | 78 - 79 | 79°C |
| 7. | Acidity | wt % | max 0.002 | 0.0005 |
| 8. | Alkalinity | wt % | max 0.002 | 0.0005 |
| 9. | Non-volatile matter | wt % | max 0.005 | 0.002 |
| 10. | Miscibility with water | - | Passes test | Passes test |

Remark:

Result: The above product corresponds to Teknis grade

PT. Pancasakti Putra Kencana

PS SANTI FUTRA REPLACEMENT OF THE PROPERTY OF

Yuvraj Sagvekar Quality Control