

To Whom It May Concern

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Report no. 19701/29012 .00.I/12
 Report date 25/Apr/2012
 Object M/T AYFER KA
 Product 2-Ethylhexanol
 Location Koruma Port, Derince - Turkey
 Outturn Date 24/Apr/2012

CERTIFICATE OF QUALITY

Sample submitted as 2-Ethylhexanol
 Received By Saybolt Inspector
 Marked Multiple shore tanks composite sample ex.tk.23 - tk.31
 Date of sampling 24-Apr-12
 Testing completed 24-Apr-12
 Sealed Open

| Test | Analyte | Unit | Method | Result | |
|------------------------------------|---------|-------------------|-------------|----------------|--------|
| | | | | Prefix | Figure |
| Acidity (free acid as acetic acid) | | wt% | Astm D 1613 | | 0.0080 |
| Distillation range at 760 mmHg | | °C | Astm D 1078 | | |
| -Initial Boiling Point | | | | | 183.9 |
| -Dry Point | | | | | 184.5 |
| Density at 20 ° C | | g/cm ³ | Astm D 4052 | | 0.8324 |
| Purity (-Ethylhexanol) | | wt% | BY GC | | 99.74 |
| Colour Index on Pt/Cb scale | | | Astm D 1209 | | 1 |
| Water content | | wt% | Astm D 1364 | | 0.0289 |
| Appearance | | | Visual | Clear & Bright | |
| Ethyl Methyl Pentanol | | wt% | BY GC | below | 0.15 |
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Precision parameters apply in the evaluation of the test results specified above. Please also refer to ASTM D3244 (except for analysis of RFG) and IP 367 with respect to the utilization of test data to determine conformance with specifications.

This report is issued in accordance with the General Terms and Conditions of Saybolt Turkey and the recipient is deemed to have full knowledge thereof.

Remarks

Above analytical test results were obtained by Saybolt Laboratory in Gebze/Turkey.