

## SPECIFICATION – HYDROUS ETHANOL

| <i>ITEM</i>                | <i>UNITY</i>      |     | <i>VALUE</i>   | <i>METHOD</i> |
|----------------------------|-------------------|-----|----------------|---------------|
| ACIDITY, AS ACETIC ACID    | MG/L              | MAX | 30             | ASTM D1613    |
| ALCOHOLIC DEGREE BY VOLUME | GRADE GL          | MIN | 95.1           | ALCOHOMETER   |
| ALCOHOLIC DEGREE BY WEIGHT | ° INPM            | -   | 92.6 TO 93.8   | ALCOHOMETER   |
| APPEARANCE                 | -                 | -   | (*)            | VISUAL        |
| CHLORIDES                  | MG/KG             | MAX | 1              | ASTM D512     |
| COLOR                      | -                 | 0   | (**)           | VISUAL        |
| ELECTRICAL CONDUCTIVITY    | MS/M              | MAX | 500            | ASTM D1125    |
| HYDROCARBONS CONTENT       | -                 | MAX | NOT DETECTABLE | ASTM D1722    |
| IRON                       | MG/KG             | MAX | 5              | ASTM E394     |
| PH                         | -                 | -   | 6.0 TO 8.0     | ASTM D6423    |
| RESIDUE BY EVAPORATION     | MG/100ML          | MAX | 5              | ASTM D1353    |
| SODIUM                     | MG/KG             | MAX | 2              | ASTM D5185    |
| SPECIFIC MASS AT 20° C     | KG/M <sup>3</sup> | -   | 807.6 TO 811.0 | ASTM D4052    |
| SULPHATES                  | MG/KG             | MAX | 4              | TURBIDIMETRIC |

\* = LIMPID AND FREE FROM IMPURITIES

\*\* = COLORLESS TO SLIGHTLY YELLOWISH