

**SPECIFICATION**  
**PRODUCT: ETHYL ALCOHOL/ETHANOL-CAS [64-17-5]**  
**(HYDROUS)**  
**PHARMA GRADE**

| <b>SR.NO.</b> | <b>CHARECTERISTICS</b>  | <b>SPECIFICATION</b>  |
|---------------|---|---|
| 1.            | Appearance.   | Clear, colorless, volatile liquid, free from suspended matters. |
| 2.            | Specific gravity at 20 °/20° C <span style="float: right;">Max.</span>            | 0.8126  |
| 3.            | Ethanol content, % v/v at 20° C <span style="float: right;">Min.</span>           | 95.00   |
| 4.            | Miscibility with water.   | Miscible.   |
| 5.            | Alkalinity.   | Nil.  |
| 6.            | Acidity, (as Acetic acid), mg/L <span style="float: right;">Max.</span>           | 60.00   |
| 7.            | Aldehyde content, (as Acetaldehyde), mg/L <span style="float: right;">Max.</span> | 60.00   |
| 8.            | Ester content, (as Ethyl acetate), mg/L <span style="float: right;">Max.</span>   | 200.00  |
| 9.            | Methanol content, mg/L <span style="float: right;">Max.</span>                    | 150.00  |
| 10.           | Fusel Oil /Higher Alcohol content, mg/L <span style="float: right;">Max.</span>   | 300.00  |
| 11.           | Furfural content, mg/L <span style="float: right;">Max.</span>                    | ND  |
| 12.           | Residue on evaporation % by mass <span style="float: right;">Max.</span>          | 0.005   |
| 13.           | Copper, (as Cu), mg/L <span style="float: right;">Max.</span>                     | 4.000   |
| 14.           | Lead, (as Pb), mg/L <span style="float: right;">Max.</span>                       | 1.000   |

**Specification No:-SCAPL-003**

In our continuous effort to improve the quality of our product, the specifications are liable to periodic review.

**SPECIFICATION**  
**PRODUCT: ETHYL ALCOHOL/ETHANOL-CAS [64-17-5]**  
**(ANHYDROUS)**  
**PHARMA GRADE**

| <b>SR.NO.</b> | <b>CHARECTERISTICS</b>                         | <b>SPECIFICATION</b>  |
|---------------|--|---|
| 1.            | Appearance.                                    | Clear, colorless, volatile liquid, free from suspended matters. |
| 2.            | Specific gravity at 15.6 °/15.6° C, Max.       | 0.7961  |
| 3.            | Ethanol content, % v/v at 15.6° C Min.         | 99.5  |
| 4.            | Miscibility with water.                        | Miscible.   |
| 5.            | Alkalinity.                                    | Nil.  |
| 6.            | Acidity, (as Acetic acid), mg/L Max.           | 60.00   |
| 7.            | Aldehyde content, (as Acetaldehyde), mg/L Max. | 60.00   |
| 8.            | Ester content, (as Ethyl acetate), mg/L Max.   | 200.00  |
| 9.            | Methanol content, mg/L Max.                    | 150.00  |
| 10.           | Fusel Oil /Higher Alcohol content, mg/L Max.   | 300.00  |
| 11.           | Furfural content, mg/L Max.                    | ND  |
| 12.           | Residue on evaporation % w/w Max.              | 0.005   |
| 13.           | Copper, (as Cu), mg/L Max.                     | 4.00  |
| 14.           | Lead, (as Pb), mg/L Max.                       | 1.00  |
| 15.           | Water content % v/v Max.                       | 0.500   |

**Specification No:-SCAPL-004**

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