

AL-ABBAS SUGAR MILLS LIMITED
SPECIFICATIONS OF NEUTRAL REFINED ALCOHOL

| PARAMETERS | UNIT | SPECIFICATIONS MIN. / MAX |
|---|----------------------|---|
| Alcohol Strength by Volume at 20 Degrees Centigrade | Vol. % | MIN.96.2 |
| Acidity (as Acetic Acid) | GR/HL | MAX. 1.0 |
| Esters (as Ethyl Acetate) | GR/HL | MAX 0.5 |
| Aldehydes (as Acetaldehyde) | GR/HL | MAX 0.5 |
| Methanol | GR/HL | MAX. 0.5 |
| Dry Matter | GR/HL | MAX 1.0 |
| Higher Alcohols (Not included IPA) | GR/HL | MAX 0.5 |
| Furfural | - | Negative |
| Hydrocarbons | - | Negative |
| Crotonaldehydes | - | Negative |
| Aspect | - | Clear Liquid free from suspended matter |
| Odour | - | Neutral |
| Permanganate Time Test at 20 Degrees Centigrade | ASTM D 1363 | Min. 25 |
| Curve | UV Spectrophotometer | Smooth |
| Absorbency 270 MM | UV Spectrophotometer | MAX 0.005 |
| 240 MM | | MAX 0.05 |
| 230 MM | | MAX 0.10 |
| 220 MM | | MAX 0.20 |