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| PRODUCT | ANHYDROUS ETHANOL (AEROSOL GRADE) – C₂H₅OH |
| SPECIFICATION REFERENCE | GE5/S2 |

DESCRIPTION: A pure, anhydrous, natural alcohol derived through natural fermentation.

| TEST | UNITS | SPECIFICATION LIMIT |
|-------------------------------|--|---|
| Appearance | | The material shall be clear, colourless and free from suspended matter. |
| Proof Strength | % Proof | 175,2 (Min) |
| Alcohol Content | % v/v at 20°C | 99,9 (Min) |
| Odour | | Having no extraneous odour other than a trace odour of the raw material. |
| Density | kg/m ³ at 20°C | 790,0 (Max) |
| Density | kg/m ³ at 25°C | 785,8 (Max) |
| Relative Density | g/cm ³ | 0.790 – 0.793 |
| Residue on Evaporation | ppm (m/v) | 25 (Max) |
| Water content | % m/m | 0.15 (Max) |
| Esters | ppm (m/v) as Ethyl Acetate | 30 (Max) |
| Acidity | ppm (m/v) as Acetic acid | 25 (Max) |
| Aldehydes | ppm (m/v) as Acetaldehyde | 10 (Max) |
| Methanol | ppm (m/v) | 50 (Max) |
| Aromatics | ppm (m/v) as Benzene | Nil |
| Higher Alcohols (GC) | ppm (m/m) as N-Propanol, Iso-Butanol, N-Butanol and Iso-Amyl alcohol | 25 (Max) in total |
| Absorbance | | The absorbance curve is smooth 0.4 (Max) @ 240nm 0.3 (Max) @ 250nm to 260nm 0.1 (Max) @ 270nm to 340nm |

REVIEWED BY: D. Pillay (SHEQ Compliance Officer)

DATE: October 2024

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DATE: October 2024