

**AS117                      Triethanolamine, Hi-AR™****Product Number                      Packing**

AS117                      : 500ML

**Product Information**

Product Code                      : AS117  
Product Name                      : Triethanolamine, Hi-AR™  
Molecular Formula                : C<sub>6</sub>H<sub>15</sub>NO<sub>3</sub>  
Molecular Weight                 : 149.19  
CAS No.                            : 102-71-6  
EC No.                              : 203-049-8  
HS Code                             : 2922 13 10  
Shelf Life                         : 3 years

**Technical Specification**

Appearance                        : Clear colourless to pale yellow hygroscopic viscous liquid, turning brown on exposure to light  
Solubility                          : 1 mL miscible in 1 mL of water  
FTIR (Liquid film)                : Matches with the standard pattern  
Refractive index (n 20/D)        : 1.4800 - 1.4900  
Density (d 20/4)                  : 1.120 - 1.130 g/mL  
Chloride (Cl)                      : <= 0.0001%  
Diethanolamine                    : <= 0.8%  
Ethanolamine                      : <= 0.1%  
Iron (Fe)                          : <= 0.0001%  
Lead (Pb)                          : <= 0.0001%  
Sulphate (SO<sub>4</sub>)                    : <= 0.001%  
Sulphated ash                      : <= 0.005%  
Water (K.F.)                       : <= 0.2%  
Assay (GC/HCl Titration)        : 99.00 - 102.00%

**Risk and Safety Information**

WGK                                : 1  
RTECS                              : KL9275000  
Flash Point(°F)                    : 354.2 °F  
Flash Point(°C)                    : 179 °C  
Storage Temperature(°C)         : Store below 30°C

**Transport Information**

Marine Pollutant                    : No  
ADR/RID                            : Not Dangerous Goods  
IMDG                                : Not Dangerous Goods  
IATA                                 : Not Dangerous Goods