

# Technical Specification

**PRODUCT : ethylenediamine raw material**

**CODE : 992446**

**MOLECULAR WEIGHT :60.10**

**CAS N° : 107-15-3**

**FORMULA : NH<sub>2</sub>CH<sub>2</sub>CH<sub>2</sub>NH<sub>2</sub>**

TEST	U.M.	SPECIFICATION
Description	-	Clear colourless liquid
Colour	APHA	<= 10
Identification	-	Positive
Alcohol miscibility	-	Complete
Density at 20°C	-	0.890 - 0.906
Refractive index at 20°C	-	1.4470 - 1.4570
Boiling point	°C	115.8 - 117.3
Melting point	°C	10 - 12
Freezing point	°C	10.2 - 10.8
Heavy metals (as Pb)	ppm	<= 5
Residue on ignition	ppm	<= 100
Fe	ppm	<= 5
Cr	ppb	<=50
Cu	ppb	<=50
Fe	ppb	<=50
Ni	ppb	<=50
Assay (GC)	%	>= 98.0

It is under the customer responsibility to make sure the purchased product is suitable for his use and/or application.  
 CARLO ERBA Reagents would not be guilty of any misuse or mishandling of any of its products, occurring potential damages or user hurts in case of in