

TDS – TECHNICAL DATA SHEET

GLYCINE

Formula: $C_2H_5NO_2$

CAS: 56-40-6

EC.: 200-272-2

NCM: 2922.4910

Reference Standards: FCC VIII

Item	Standard
Appearance	White crystalline powder
Assay ($C_2H_5NO_2$)	98.5 ~ 101.5%
pH value (5% in water)	5.5 ~ 6.5
Chloride	$\leq 0.007\%$
Sulphate	$\leq 0.006\%$
Heavy Metals [Pb]	≤ 20 ppm
Arsenic (As)	≤ 1 ppm
Cadmium (Cd)	≤ 1 ppm
Mercury (Hg)	≤ 0.1 ppm
Loss on drying	$\leq 0.20\%$
Residue on ignition	$\leq 0.10\%$
Iron	≤ 10 ppm
Ammonium (NH_4)	$\leq 0.02\%$

V01 – Nov. 22