

FINISHED PRODUCT INFORMATION

PRODUCT NAME: **SARCOSINE** (Lab. Reagent)

MSDS No: BPPL 166

SPECIFICATION No: FP-166

1)	NOMENCLATURE	:	2-Methyl Amino Ethanoic Acid N-Methyl Glycine Sarcosinic Acid Methylamino Acetic Acid
2)	CAS NO.	:	107-97-1
3)	EMPIRICAL FORMULA	:	C ₃ H ₇ NO ₂
4)	MOL. WT.	:	89.09
5)	MELTING RANGE	:	208-212 °C
6)	APPLICATIONS	:	Used as Bio Chemical Reagent and Dye Stabilizer. As Amino Acid Surfactants. For Organic Synthesis

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1)	DESCRIPTION	:	White Microcrystalline Powder
2)	SOLUBILITY	:	Solubility in water at 20°C, 1480 Gms. / Lit. Slightly Soluble in Alcohol & Ether Soluble in Warmed Methanol.
3)	IDENTIFICATION (IR)	:	Passes.
4)	CLARITY & COLOUR OF SOLUTION (APPEARANCE OF SOLUTION)	:	Soluble in 10% water, solution is clear and colorless.
5)	LOSS ON DRYING (LOD)	:	Less than 0.50%
6)	pH (10% Water) at 20°C	:	6.0 to 6.5
7)	RESIDUE ON IGNITION	:	Less than 0.3%
8)	IRON CONTENT	:	NMT30 PPM
9)	LEAD (Heavy Metal)	:	NMT15 PPM
10)	SULFATE	:	NMT 0.03%
11)	CHLORIDE	:	NMT 0.05%
12)	ORGANIC VOLATILE IMPURITIES	:	Meets the requirements as per USP
13)	ASSAY (ODB)	:	99.0% to 102.0%
14)	PACKING	:	25 Kgs. Fibre drum with PE liner inside .