



LOTTE BP CHEMICAL

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ACETIC ACID TECHNICAL DATA SHEET

Product : Glacial Acetic Acid

Molecular Formula : CH₃COOH

ANALYSIS ITEMS		SPECIFICATION	TEST METHOD
APPEARANCE		CLEAR	BP SM 111
APHA`COLOR		MAX 10	ASTM D 1209
FREEZING POINT	, °C	MIN 16.35	BP 51013
CHLORIDE	, ppm	MAX 1	BP 70020
SULFATE(as SO ₄)	, ppm	MAX 1	BP 70021
IRON(Fe)	, ppm	MAX 0.5	ASTM E 394
HEAVY METAL(as Pb)	, ppm	MAX 1	ASTM D 1347
WATER	, wt%	MAX 0.15	ASTM D 1364
ALDEHYDE(as CH ₃ CHO)	, ppm	MAX 50	BP 95/31
FORMIC ACID	, wt%	MAX 0.05	BP 95/30
PERMANGANATE TIME	, Hr	MIN 2	BP 51006
PURITY	, wt%	MIN 99.85	BP 51014