



SPECIFICATIONS SHEET

PRODUCT: DIETHYL ETHER, REAGENT

CODE: ET0103

REVIEWED: MAY, 2010

SPECIFICATIONS	LIMITS	TEST METHODS ASTM, ACS, USP
Concentration, wt. %	99.8, min.	GC
Ethyl Alcohol, wt. %	0.05, max.	GC
Acidity, as acetic acid, meq/g	0.0002, max.	ACS
Water, wt. %	0.03, max.	D-1364
Color, Pt-Co scale	10, max.	D-1209
Peroxide, ppm	1.0, max.	ACS
Substances darkened by sulfuric acid	Passes test	ACS
Carbonyl, wt. %	0.001, max.	USP
Residue after evaporation, wt. %	0.001, max.	ACS
Stabilizer as BHT, ppm	7 - 9	-

Description: Colorless, volatile, highly flammable liquid with a powerful pungent odor, lightly soluble in water, excellent solvent in organic synthesis.

This specification meets ACS.

This specification supersedes other revisions.