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SPECIFICATIONS

Name: Ethyl Ether, Anhydrous
Catalog No: ES1531
Grade: HPLC/Spectro

Test Name

Limits

Description

Clear colorless liquid free of suspended matter

Assay (by GC-FID)

Color

Ethyl Alcohol

Fluorescence at emission maximum for Impurities

(as Quinine sulfate)

GC-ECD Responsive residue (single peak)

(as Heptachlorepoxyde)

GC-FID Responsive residue (single peak)

(as 2-Octanol)

Identification by

IR Spectroscopy

Peroxides/Epoxides

(as Hydrogen peroxide at time of packaging)

Residue after Evaporation

Water

(by KF coulometry)

Optical Absorbance between

190-400 nm

Optical Absorbance at

215 nm

230 nm

254 nm

280 nm

300 nm

350 nm

Passes Test

Min 99.9 %

Max 10 APHA

Passes Test

Max 1 ppb

Max 10 ppt

Max 5 ppb

Passes Test

Max 1 ppm

Max 1 ppm

Max 0.02 %

Passes Test

Max 1.00 AU

Max 0.30 AU

Max 0.08 AU

Max 0.01 AU

Max 0.005 AU

Max 0.005 AU

This product is manufactured by Tedia Company, LLC certified to ISO 9001:2015 (Quality Management System) by PJR.