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Ethanesulfonic Acid,

$C_2H_5SO_3H$ 110.13 CAS RN[®]: 594-45-6.—Colorless to light yellow liquid. Soluble in water.

Assay: Accurately weigh about 300 mg, dissolve in 30 mL of water, add phenolphthalein TS, and titrate with 0.1 N sodium hydroxide VS. Each mL of 0.1 N sodium hydroxide is equivalent to 11.013 mg of $C_2H_5SO_3H$; between 94.0% and 106.0% is found.

REFRACTIVE INDEX (831): between 1.432 and 1.436 at 20°.

Auxiliary Information - Please [check for your question in the FAQs](#) before contacting USP.

Topic/Question	Contact	Expert Committee
ETHANESULFONIC ACID	Margareth R.C. Marques Principal Scientific Liaison	HDQ Headquarters

Most Recently Appeared In:

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