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Butyric Acid,

$C_4H_8O_2$ 88.11 CAS RN®: 107-92-6.—Clear, colorless to faint yellow liquid. Miscible with water and with methanol.

Assay: Weigh accurately about 500 mg, transfer to a suitable container, add 30 mL of water, and mix. Add 40 mL of water, and mix. Add phenolphthalein TS, and titrate with 0.1 N sodium hydroxide VS. Each mL of 0.1 N sodium hydroxide is equivalent to 8.81 mg of $C_4H_8O_2$; not less than 99.0% of $C_4H_8O_2$ is found.

REFRACTIVE INDEX (831): about 1.398 at 20°.

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

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

Most Recently Appeared In:

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