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## Tetrabutylammonium Hydrogen Sulfate,

$C_{16}H_{37}NO_4S$  339.54 CAS RN<sup>®</sup>: 32503-27-8.—White, crystalline powder. Soluble in alcohol yielding a slightly hazy, colorless solution.

**Assay:** Dissolve about 170 mg, accurately weighed, in 40 mL of water. Titrate with 0.1 N sodium hydroxide VS, determining the endpoint potentiometrically. Perform a blank determination and make any necessary correction. Each mL of 0.1 N sodium hydroxide is equivalent to 33.95 mg of  $C_{16}H_{37}NO_4S$ . Not less than 97.0% is found.

**MELTING RANGE (741):** between 169° and 173°.

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

Topic/Question	Contact	Expert Committee
TETRABUTYLAMMONIUM HYDROGEN SULFATE	<a href="#">Margareth R.C. Marques</a> Principal Scientific Liaison	HDQ Headquarters

**Most Recently Appeared In:**

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