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Tetrabutylammonium Iodide,

(C₄H₉)₄NI 369.37 CAS RN[®]: 311-28-4.—White, shiny, crystalline flakes. Soluble in alcohol and in ether; slightly soluble in water.

Assay: Dissolve 370 mg, accurately weighed, in 60 mL of acetone with vigorous stirring. Stir the solution by mechanical means, add 10 mL of 16% sulfuric acid, and titrate with 0.1 N silver nitrate VS, determining the endpoint potentiometrically, using a glass–silver electrode system, and adding the titrant in 0.1-mL increments as the endpoint is approached. Perform a blank determination, and make any necessary corrections. Each mL of 0.1 N silver nitrate is equivalent to 36.94 mg of (C₄H₉)₄NI: not less than 99.0% is found.

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

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

Most Recently Appeared In:

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