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Nitric Acid, Lead-Free:

Use ACS reagent grade.

Lead: To 100 g add 0.1 g of anhydrous sodium carbonate and evaporate to dryness. Dissolve the residue in water, heating slightly, and dilute with the same solvent to 50.0 mL. Determine the lead content by atomic absorption spectrophotometry (see [Atomic Absorption Spectroscopy \(852\)](#)) measuring the absorbance at 283.3 nm or 217.0 nm using a lead hollow-cathode lamp and an air-acetylene flame. It contains not more than 0.1 ppm of lead (Pb).

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

Topic/Question	Contact	Expert Committee
NITRIC ACID, LEAD-FREE	Margareth R.C. Marques Principal Scientific Liaison	HDQ Headquarters

Most Recently Appeared In:

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