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Trimethylacethydrazide Ammonium Chloride

(Betaine Hydrazide Chloride; Girard Reagent T), $[(CH_3)_3N^+CH_2CONHNH_2]Cl^-$ 167.64 CAS RN®: 123-46-6.—Colorless or white crystals. Freely soluble in water. One g dissolves in about 25 mL of alcohol. Insoluble in chloroform and in ether. Hygroscopic.

MELTING RANGE (741): between 185° and 192°, determined after recrystallization from hot alcohol, if necessary.

Residue on Ignition (Reagent test): Ignite 1 g with 0.5 mL of sulfuric acid: the residue weighs not more than 10 mg (1%).

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

Topic/Question	Contact	Expert Committee
TRIMETHYLACETHYDRAZIDE AMMONIUM CHLORIDE	Margareth R.C. Marques Principal Scientific Liaison	HDQ Headquarters

Most Recently Appeared In:

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