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Choline Chloride,

$\text{HOCH}_2\text{CH}_2\text{N}(\text{CH}_3)_3\text{Cl}$ 139.62 CAS RN[®]: 67-48-1.—White crystals or crystalline powder. Very soluble in water. Is hygroscopic. Store in tight containers.

Assay: Transfer about 100 mg, previously dried at 105° for 2 hours and accurately weighed, to a beaker, add 20 mL of water and 1 drop of aluminum chloride solution (1 in 10), and mix. Add slowly 20 mL of a freshly prepared, filtered sodium tetraphenylborate solution (1 in 50), and allow the mixture to stand for 30 minutes with occasional swirling. Pass through a medium-porosity, sintered-glass filter, and wash the beaker and the precipitate with four 10-mL portions of water. The weight of the precipitate, determined after drying at 105° for 2 hours, and multiplied by 0.3298, gives the equivalent weight of $\text{C}_5\text{H}_{14}\text{ClNO}$. Not less than 99.5% is found.

RESIDUE ON IGNITION (281): not more than 0.1%.

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

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

Most Recently Appeared In:

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