

Status: Currently Official on 13-Feb-2025
Official Date: Official Prior to 2013
Document Type: Reagents
DocId: GUID-C6E3692E-D3B2-46A7-AC1A-98A359D64AF2_1_en-US
DOI: https://doi.org/10.31003/USPNF_R1783_01_01
DOI Ref: x4lh1

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Adenine Sulfate,

$(C_5H_5N_5)_2 \cdot H_2SO_4 \cdot 2H_2O$ 404.36—White crystals or crystalline powder. Melts, after drying at 110°, at about 200° with some decomposition. One g dissolves in about 160 mL of water; less soluble in alcohol. Soluble in solutions of sodium hydroxide. It is not precipitated from solution by iodine TS or mercuric-potassium iodide TS, but a precipitate is produced with trinitrophenol TS.

Residue on Ignition (Reagent test): negligible, from 100 mg.

Water: Dry it at 105° to constant weight: it loses not more than 10.0% of its weight.

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

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

Most Recently Appeared In:

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