



# Certificate

## ALUMINUM SULFATE

(Aluminum sulfate (2:3) hydrate)

USP Catalog No.: 1017364

USP Lot No.: R155R0

Chemical Structure: NA	CAS No.: 17927-65-0
	Molecular Formula: $\text{Al}_2(\text{SO}_4)_3 \cdot x\text{H}_2\text{O}$
	Molecular Weight: $342.15 + x\text{H}_2\text{O}$

### Additional Information:

Material may gain or lose water depending on the ambient humidity. It is recommended to determine the water content simultaneously with other quantitative applications using the material from the same container.

**LABEL TEXT**

For use with specified USP compendial tests. Not for use as a drug. See SDS prior to use at www.usp.org/sds.



Lot: R155R0

**REFERENCE STANDARD****ALUMINUM SULFATE 2 g**

Danger! Causes serious eye damage.

Material may gain or lose water depending on the ambient humidity. For quantitative applications, determine the water content titrimetrically at the time of use. Use as is material and correct weight for water content. Use a value of 0.150 mg of aluminum per mg of material on the anhydrous basis. Keep container tightly closed.

See certificate for any additional information.

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Cat. No. 1017364

Material mfd. in Colombia

Wear eye protection/face protection. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a poison center/doctor.

*Danielle A. Vattimo*

Quality Assurance

**Certificate Version History**

Version Number	Date	Reasons for Change
00	13-APR-2022	First issue

**Assigned Value**

Please refer to the USP Reference Standard label and/or USP Certificate for the assigned value of the specific lot. If an assigned value is not included on the label or Certificate, the lot was developed for qualitative USP compendial use and an assigned value will not be provided.

**Valid Use Date**

It is the responsibility of the user to ascertain that a particular lot of a USP Reference Standard has official status either as a "Current Lot" or as a "Previous Lot" within the assigned valid use date. The online USP Reference Standards Catalog and the online USP Store at [www.usp.org](http://www.usp.org) are updated daily. USP recommends referring to one of these sources prior to using a USP RS to make sure the lot is valid for use.

**Storage**

Storage conditions are lot-specific and may change from one lot to another. The storage condition for an unopened USP Reference Standard is provided on the container label only, not on the Safety Data Sheet. If no specific directions or limitations are on the label, conditions of storage include storage at room temperature and protection from moisture, light, freezing, and excessive heat. See General Chapter <659> in the USP-NF Online for storage and handling definitions.

**Instructions for Use**

Follow the instructions provided on this Certificate, on the label of the USP Reference Standard, and in the associated USP documentary standard(s). Please refer to General Chapter <11> for additional information.

**Non-USP Compendial Use**

USP Reference Standards are intended only for use in analytical or laboratory applications generally as specified in USP compendia. They are not for use in humans or animals as drugs or medical devices. It may be possible to use a USP RS outside of its associated USP compendial applications; however, it is the responsibility of the user to determine the suitability of the USP RS for a non-USP use.

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