

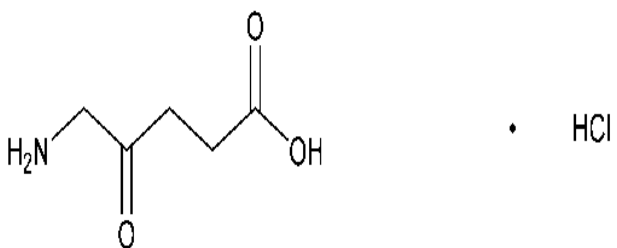
# Certificate

## AMINOLEVULINIC ACID HYDROCHLORIDE

*(5-Amino-4-oxopentanoic acid hydrochloride)*

USP Catalog No.: 1025715

USP Lot No.: F013Q0

	CAS No.: 5451-09-2
	Molecular Formula: C <sub>5</sub> H <sub>9</sub> NO <sub>3</sub> · HCl
	Molecular Weight: 167.59

**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](http://www.usp.org/sds).



Lot: F013Q0

**USP REFERENCE STANDARD**

**AMINOLEVULINIC ACID HYDROCHLORIDE 200 mg**



Warning! Causes skin irritation.

Do not dry. For quantitative applications use a value of 0.990 mg of aminolevulinic acid hydrochloride per mg of material on the as is basis. Keep container tightly closed. Protect from moisture.

Hygroscopic above 50% relative humidity.

USP, 12601 Twinbrook Pkwy, Rockville, MD, +1-301-881-0666  
CAT No. 1025715 Material mfd. in Switzerland

Wash thoroughly after handling. Wear protective gloves.  
If on skin: Wash with plenty of water. If skin irritation occurs: Get medical advice/attention. Take off contaminated clothing and wash it before reuse.

*Jeri L. Joth*

*Quality Assurance*

**Calculation Value**

If a value is not provided on the label or accompanying documentation and the Reference Standard has a quantitative USP compendial application, a value of 100.0% is used. The purity value is not applicable for qualitative uses. Please refer to the specific Reference Standard label for further information.

**Expiration**

Current lots are identified in the current USP Catalog. In some cases, the previous lot may still be considered valid for use. If so, it is identified in the column marked "Previous Lot/Valid Use Date."

It is the responsibility of each user to determine that this lot is current or valid when used. For the most up-to-date information, please refer to the USP Store at [www.usp.org](http://www.usp.org).

**Instructions for Use**

Follow the instructions on the label of the USP Reference Standard and in the appropriate USP documentary standard(s).

**Non-Monograph Use**

The suitability of this Reference Standard for use in non-compendial applications is solely the responsibility of the user.

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