



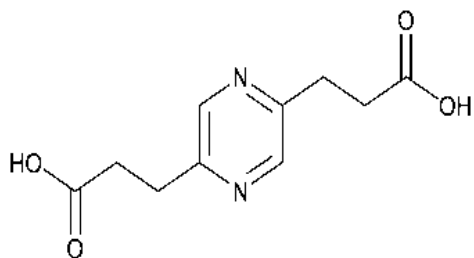
# Certificate

## AMINOLEVULINIC ACID RELATED COMPOUND A

(3,3'-(Pyrazine-2,5-diyl)dipropionic acid)

USP Catalog No.: 1025726

USP Lot No.: R19520



CAS No.: 77479-02-8

Molecular Formula: C<sub>10</sub>H<sub>12</sub>N<sub>2</sub>O<sub>4</sub>

Molecular Weight: 224.22

**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: R19520

**REFERENCE STANDARD****AMINOLEVULINIC ACID RELATED COMPOUND A 25 mg**

(3,3'-(Pyrazine-2,5-diyl)dipropionic acid)

For quantitative applications, use a value of 0.97 mg of aminolevulinic acid related compound A per mg of material on the as is basis. Keep container tightly closed. Store in a refrigerator. Protect from light.

See certificate for any additional information.

USP, 12601 Twinbrook Pkwy, Rockville, MD, +1-301-881-0666

Cat. No. 1025726 Material mfd. in India

*Danielle A. Vattimo*

*Quality Assurance*

**Certificate Version History**

Version Number	Date	Reasons for Change
00 (Current)	16-MAR-2023	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**

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