



Certificate

ARTICAINE RELATED COMPOUND A

(Methyl 4-methyl-3-[2-(propylamino)acetamido]thiophene-2-carboxylate hydrochloride)

USP Catalog No.:	1042929
USP Lot No.:	R19630

 HCl	CAS No.:	N/A
	Molecular Formula:	$C_{12}H_{18}N_2O_3S \cdot HCl$
	Molecular Weight:	306.81

**LABEL TEXT**

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



Lot: R19630

**REFERENCE STANDARD****ARTICAINE RELATED COMPOUND A 40 mg**

(Methyl 4-methyl-3-[2-(propylamino)acetamido]thiophene-2-carboxylate hydrochloride)

For quantitative applications, use a value of 0.86 mg of articaïne related compound A (C₁₂H₁₈N₂O₃S) per mg of material on the as is basis. Keep container tightly closed. Protect from light. Store in a refrigerator.

See certificate for any additional information.

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

Cat. No. 1042929 Material mfd. in Spain

Danielle A. Vattimo

Quality Assurance

Certificate Version History

Version Number	Date	Reasons for Change
00 (Current)	01-JUN-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 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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