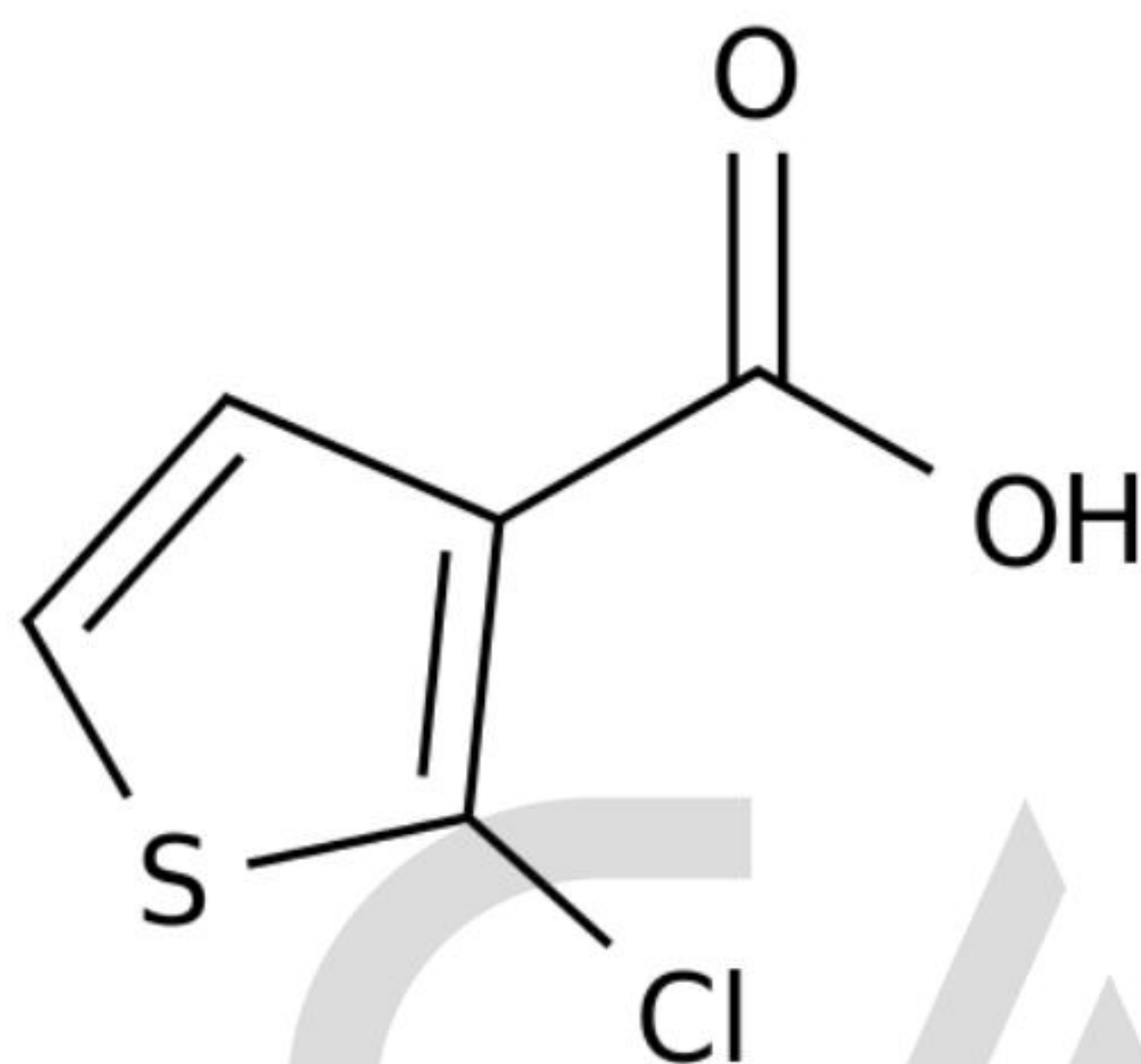


# Certificate of Analysis

## Reference Material

|                    |                                                  |                   |                                           |
|--------------------|--------------------------------------------------|-------------------|-------------------------------------------|
| Product Name:      | Rivaroxaban Impurity 135                         | Catalogue Number: | C4X-1090135                               |
| Chemical Name:     | 2-Chlorothiophene-3-carboxylic acid              | Lot Number:       | 0318-RB-0002                              |
| CAS Number:        | 53935-71-0                                       | Expiry Date:      | Aug 31, 2025                              |
| Molecular Formula: | C <sub>5</sub> H <sub>3</sub> ClO <sub>2</sub> S | Storage:          | 2°C ~ 8°C Protected from light and Sealed |
| Molecular Weight:  | 162.59                                           |                   |                                           |

Chemical Structure:



| Test Items     | Method            | Results      |
|----------------|-------------------|--------------|
| Appearance     | Visual inspection | White Powder |
| Identification | LCMS&HNMR         | Confirmed    |
| Purity         | HPLC              | 99.5%        |

Signature:

Prepared by:

*Debia*

Reviewed by:

*Hinlam*

Aporoved by General manager:

*David*

Date: Sep 01, 2022

Date: Sep 02, 2022

Date: Sep 02, 2022

