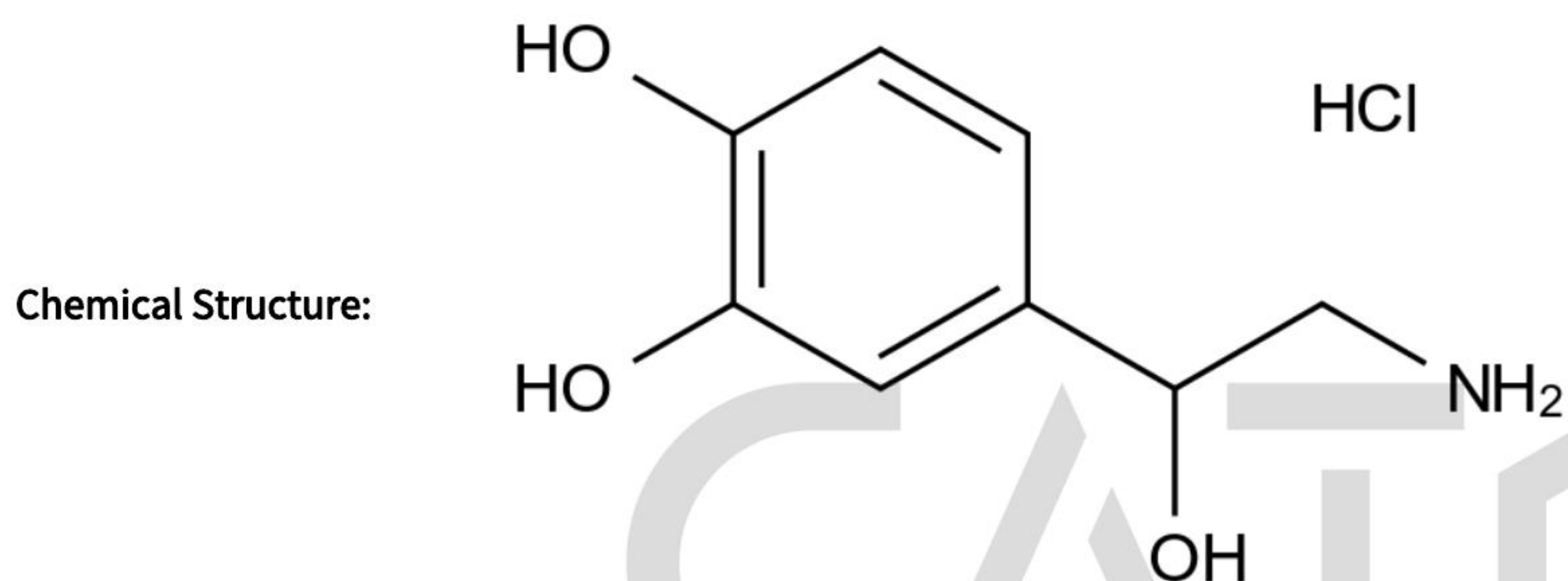


# Certificate of Analysis

## Reference Material & Standard

|                    |                                                    |                   |                                           |
|--------------------|----------------------------------------------------|-------------------|-------------------------------------------|
| Product Name:      | Norepinephrine Impurity 34 HCl                     | Catalogue Number: | C4X-151434                                |
| Synonyms:          | N/A                                                | Lot Number:       | 0509-RG-0001                              |
| CAS Number:        | 55-27-6                                            | Expiry Date:      | May 08, 2028                              |
| Molecular Formula: | C <sub>8</sub> H <sub>11</sub> NO <sub>3</sub> HCl | Storage:          | 2°C ~ 8°C Protected from light and Sealed |
| Molecular Weight:  | 169.18 36.46                                       |                   |                                           |



| Test Items     | Method            | Results         |
|----------------|-------------------|-----------------|
| Appearance     | Visual inspection | Off-White Solid |
| Identification | LCMS&HNMR         | Confirmed       |
| Purity         | HPLC              | 99.9%           |
| Assay          | qNMR              | 99.4%           |

## Comment:

Assay was determined by quantitative <sup>1</sup>H-NMR.

## Signature:

Prepared by:

*Nice*

Reviewed by:

*Lisa*

Approved by General Manager:

*David*

Date: May 09, 2025

Date: May 09, 2025

Date: May 09, 2025

