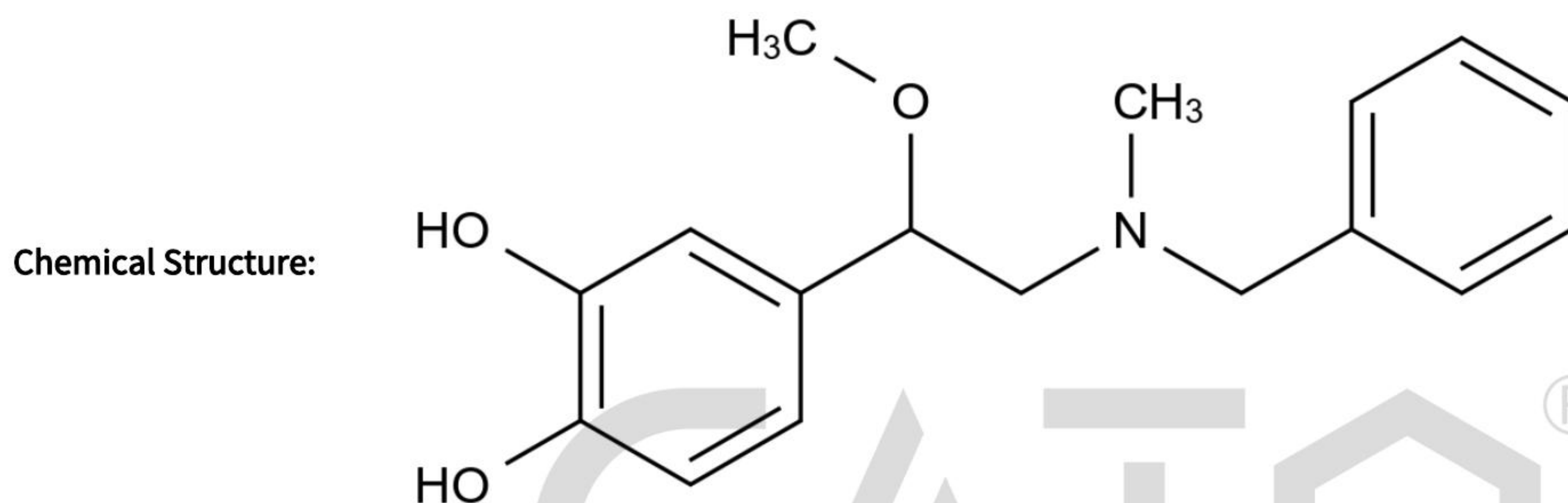


# Certificate of Analysis

## Reference Material

|                    |                                     |                   |                                           |
|--------------------|-------------------------------------|-------------------|-------------------------------------------|
| Product Name:      | Epinephrine /Adrenaline Impurity 60 | Catalogue Number: | C4X-184960                                |
| Chemical Name:     | N/A                                 | Lot Number:       | 0301-RE-0009                              |
| CAS Number:        | N/A                                 | Expiry Date:      | Mar 06, 2026                              |
| Molecular Formula: | C17H21NO3                           | Storage:          | 2°C ~ 8°C Protected from light and Sealed |
| Molecular Weight:  | 287.35                              |                   |                                           |



| Test Items     | Method            | Results                   |
|----------------|-------------------|---------------------------|
| Appearance     | Visual inspection | White to Off-White Powder |
| Identification | LCMS&HNMR         | Confirmed                 |
| Purity         | HPLC              | 99.4%                     |
| Assay          | qNMR              | 88.9%                     |

## Comment:

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

## Signature:

Prepared by:

*Hin Lam*

Reviewed by:

*Nacy*

Aporoved by General manager:

*David*

Date: Mar 07, 2023

Date: Mar 08, 2023

Date: Mar 08, 2023

