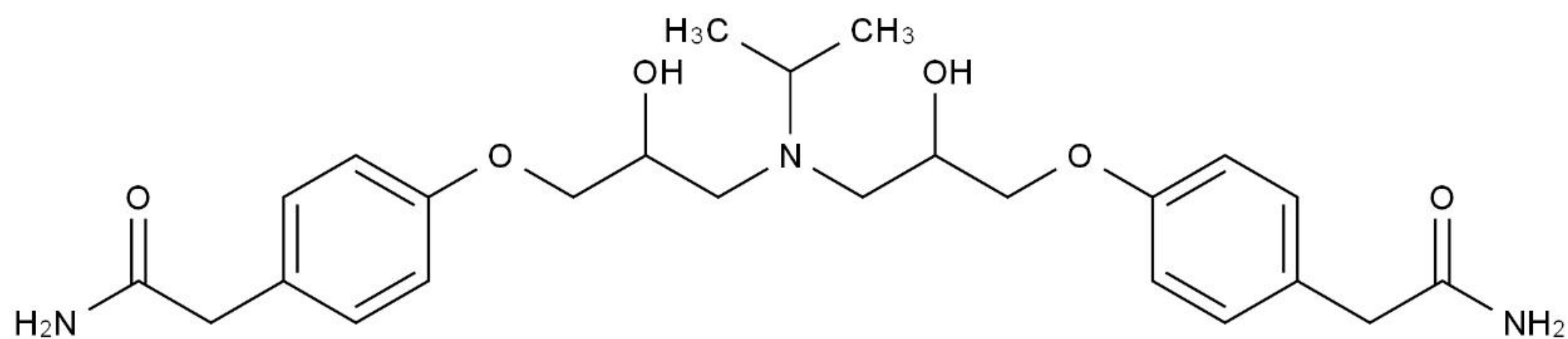


# Certificate of Analysis

## Reference Material & Standard

|                    |                        |                   |                                           |
|--------------------|------------------------|-------------------|-------------------------------------------|
| Product Name:      | Atenolol EP Impurity F | Catalogue Number: | C4X-15496                                 |
| Synonyms:          | N/A                    | Lot Number:       | 0429-RF-0057                              |
| CAS Number:        | 87619-83-8             | Expiry Date:      | May 06, 2027                              |
| Molecular Formula: | C25H35N3O6             | Storage:          | 2°C ~ 8°C Protected from light and Sealed |
| Molecular Weight:  | 473.56                 |                   |                                           |

### Chemical Structure:



| Test Items     | Method            | Results     |
|----------------|-------------------|-------------|
| Appearance     | Visual inspection | White Solid |
| Identification | LCMS&HNMR         | Confirmed   |
| Purity         | HPLC              | 98.460%     |
| Loss On Drying | TGA               | 0.2205%     |
| Assay          |                   | 98.2%       |

### Comment:

The calculation of the 100% method follows the formula (calculated on the non-dried basis):

Assay (%) = (100% - Loss On Drying) \* Purity HPLC (%) / 100%

Loss On Drying is considered as absolute effect, HPLC purity is considered as relative effect.

### Signature:

Prepared by:

*Nice*

Reviewed by:

*Koi*

Approved by General Manager:

*David*

Date: May 13, 2024

Date: May 13, 2024

Date: May 13, 2024

