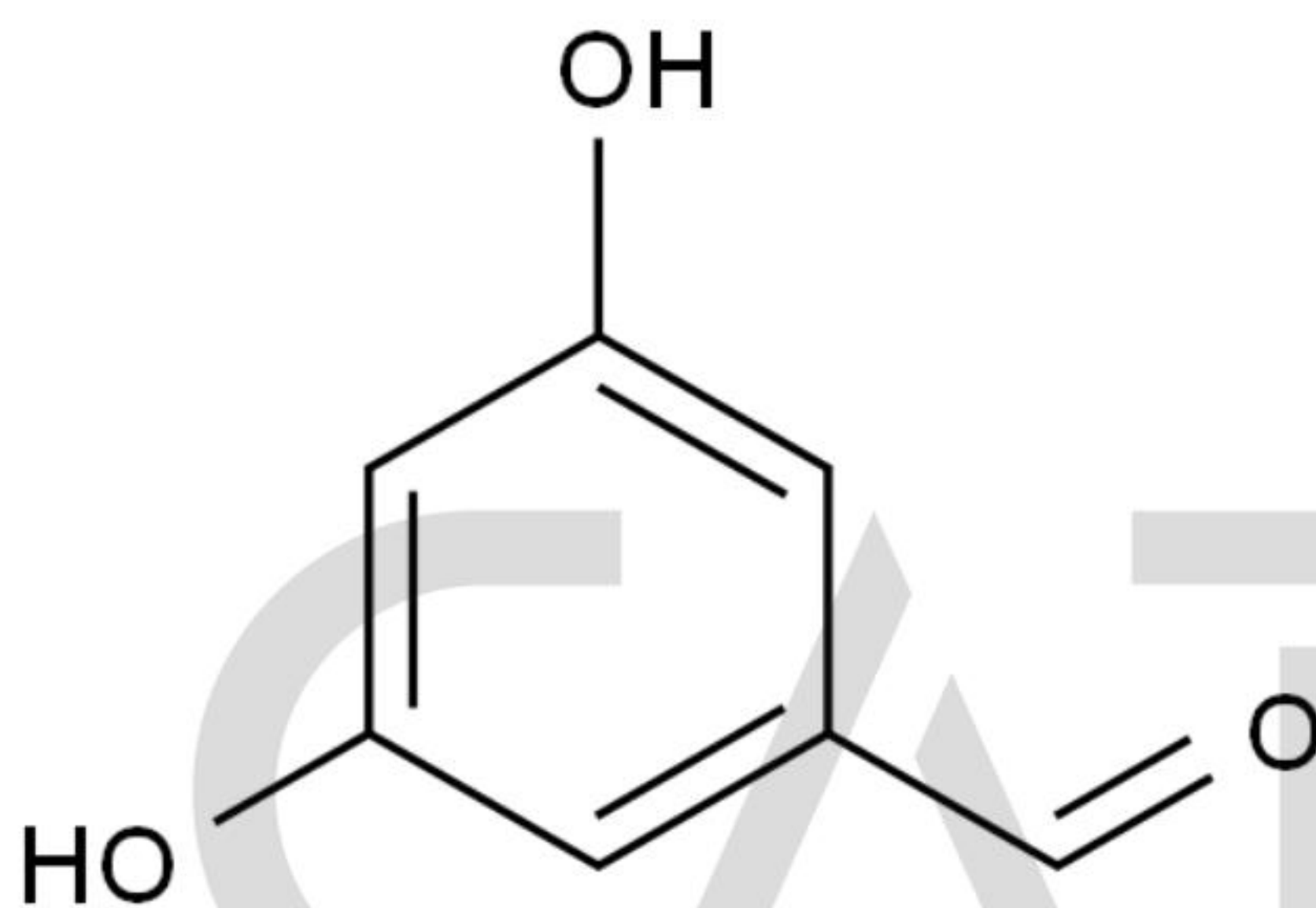


# Certificate of Analysis

## Reference Material & Standard

|                    |                                              |                   |                                                                                     |
|--------------------|----------------------------------------------|-------------------|-------------------------------------------------------------------------------------|
| Product Name:      | Terbutaline Impurity 55                      | Catalogue Number: | C4X-118355                                                                          |
| Synonyms:          | N/A                                          | Lot Number:       | 0815-RF-0001                                                                        |
| CAS Number:        | 26153-38-8                                   | Expiry Date:      | Aug 14, 2027                                                                        |
| Molecular Formula: | C <sub>7</sub> H <sub>6</sub> O <sub>3</sub> | Storage:          | 2°C ~ 8°C Protected from light and Sealed                                           |
| Molecular Weight:  | 138.12                                       | Warning:          |  |

## Chemical Structure:



| Test Items     | Method            | Results    |
|----------------|-------------------|------------|
| Appearance     | Visual inspection | Grey Solid |
| Identification | LCMS&HNMR         | Confirmed  |
| Purity         | HPLC              | 99.284%    |
| Water Content  | Karl Fischer      | 6.7025%    |
| Assay          |                   | 92.6%      |

## Comment:

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

Assay (%) = (100% - Water Content) \* Purity HPLC (%) / 100%

Water Content is considered as absolute effect, HPLC purity is considered as relative effect.

## Signature:

Prepared by:

*Koi*

Reviewed by:

*Lisa*

Approved by General Manager:

*David*

Date: Aug 15, 2024

Date: Aug 15, 2024

Date: Aug 15, 2024

