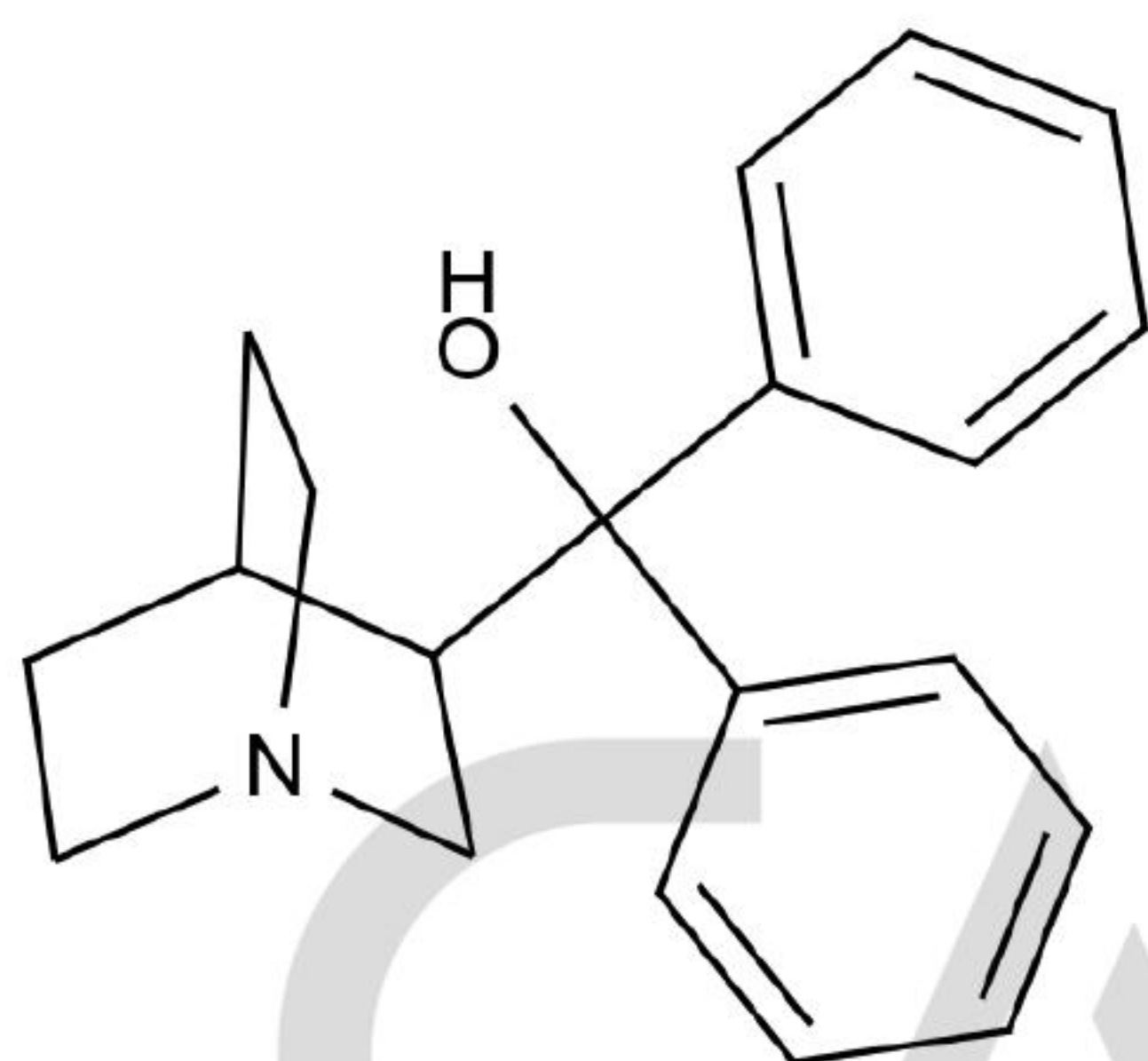


# Certificate of Analysis

## Reference Material

|                    |                                    |                   |                                           |
|--------------------|------------------------------------|-------------------|-------------------------------------------|
| Product Name:      | Quifenadine                        | Catalogue Number: | C3D-6146                                  |
| Chemical Name:     | N/A                                | Lot Number:       | 0725-RE-0049                              |
| CAS Number:        | 10447-39-9                         | Expiry Date:      | Jul 31, 2027                              |
| Molecular Formula: | C <sub>20</sub> H <sub>23</sub> NO | Storage:          | -20°C±5°C Protected from light and Sealed |
| Molecular Weight:  | 293.40                             |                   |                                           |

Chemical Structure:



| Test Items     | Method            | Results     |
|----------------|-------------------|-------------|
| Appearance     | Visual inspection | White Solid |
| Identification | LCMS&HNMR         | Confirmed   |
| Purity         | HPLC              | 94.72%      |
| Loss On Drying | TGA               | 0.2195%     |
| Assay          |                   | 94.5%       |

## 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:

*Koi*

Reviewed by:

*Lisa*

Aporoved by General manager:

*David*

Date: Aug 01, 2023

Date: Aug 01, 2023

Date: Aug 01, 2023

