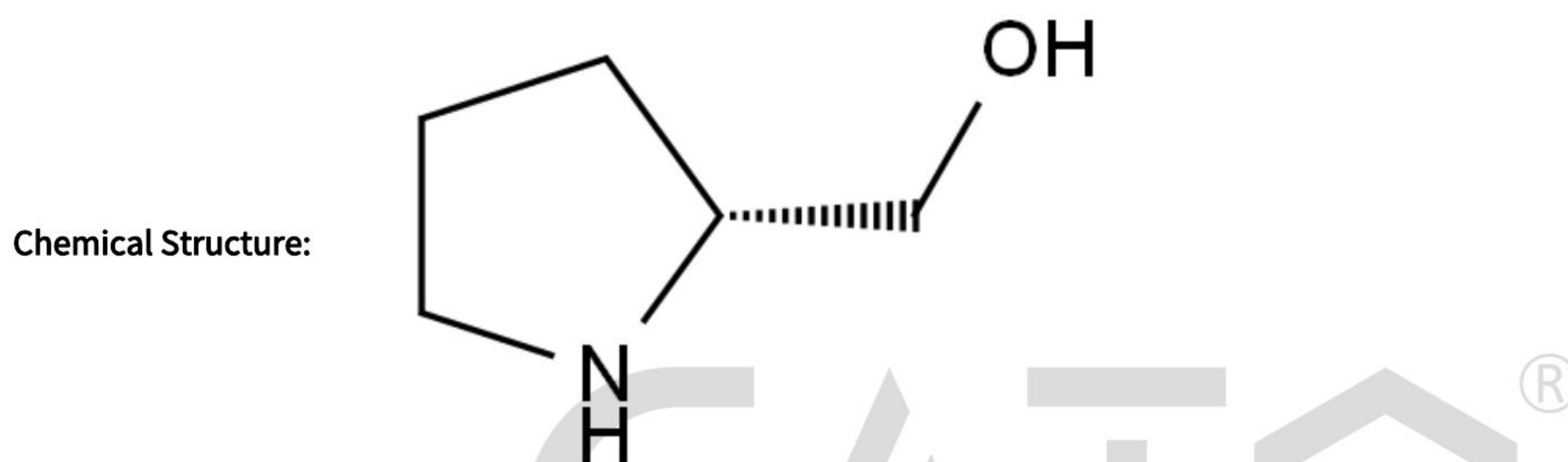


# Certificate of Analysis

## Reference Material

|                    |                                   |                   |                                           |
|--------------------|-----------------------------------|-------------------|-------------------------------------------|
| Product Name:      | Avanafil Impurity 71              | Catalogue Number: | C4X-111871                                |
| Chemical Name:     | D(-)Prolinol                      | Lot Number:       | 0809-RC-0031                              |
| CAS Number:        | 68832-13-3                        | Expiry Date:      | Aug 11, 2024                              |
| Molecular Formula: | C <sub>5</sub> H <sub>11</sub> NO | Storage:          | 2°C ~ 8°C Protected from light and Sealed |
| Molecular Weight:  | 101.15                            |                   |                                           |



| Test Items     | Method            | Results        |
|----------------|-------------------|----------------|
| Appearance     | Visual inspection | Colourless Oil |
| Identification | GCMS&CNMR&HNMR    | Confirmed      |
| Purity         | GC                | 99.848%        |
| Water Content  | Karl Fischer      | 2.2796%        |
| Assay          |                   | 97.6%          |

## Comment:

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

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

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

Signature:

Prepared by:

*Nacy*

Reviewed by:

*Xenia*

Aporoved by General manager:

*David*

Date: Dec 30, 2021

Date: Feb 06, 2023

Date: Feb 06, 2023

