

## Prochlorperazine Maleate

Batch no Mf date

202502060319

Retest

Feb 06 2025 Feb 05 2028

Molecular Structure

Molecular Formula  $C_{20}H_{24}CIN_3S. 2(C_4H_4O_4)$ 

Molecular Weight 606.09

CAS Registry Number 84-02-6

Apr 08 2025

| <u>Tests</u>           | Specifications                             | <u>Results</u>         |
|------------------------|--|------------------------|
| Appearance             | White to orange to green powder to crystal | Light yellow<br>powder |
| Identification         | HPLC                                       | Positive               |
| рН                     | 3 ~ 4                                      | 3. 4                   |
| Loss on drying         | ≤ 1.0%                                     | 0. 9%                  |
| (1gr at 100 ~ 105°C)   |  | 01 0 70                |
| Sulfated ash           | ≤ 0.1%                                     | 0. 06%                 |
| Purity (HPLC)          | ≥ 98.0%                                    | 98.0%                  |
| Purity                 | ≥ 98.0%                                    | 98. 65%                |
| (Nonaqueous titration) |  |                        |

| Packaging and storage | Preserve in well-closed containers, protected from light |
|-----------------------|--|
| Conclusion            | Material complies with in-house standard                 |