



# Certificate of analysis

Productname: Ebastine

Cas number:90729-43-4

Molecular Formula: C<sub>32</sub>H<sub>39</sub>NO<sub>2</sub>

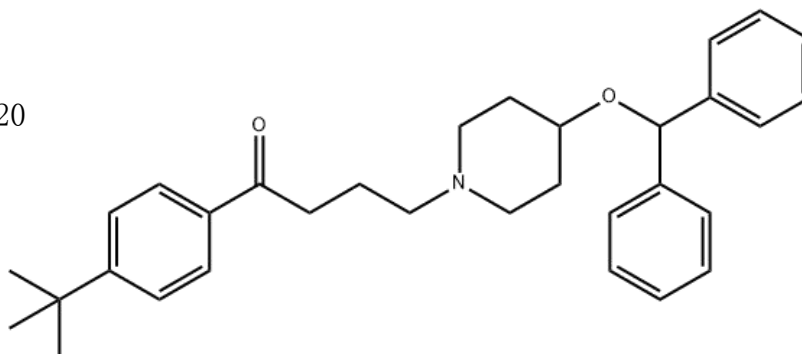
Molecular Weight: 469.66

Date of production:May. 23, 2020

Batch NO:20200523

Exp Date:May. 22, 2022

Chemical structure:



| Items               | Specifications  | Results       |
|---------------------|---|---------------|
| Appearance          | White crystalline powder  | Conforms      |
| Identification      | The infrared absorption spectra of the samples should be consistent with those of the control magenta | Conforms      |
| Melting point       | 84.0°C-87.0°C   | 84.6°C-85.8°C |
| Loss on drying      | ≤0.5%   | 0.1%          |
| Residue on ignition | ≤0.1%   | 0.04%         |
| Heavy metal         | ≤0.001%   | Conforms      |
| Individual impurity | ≤0.10%  | 0.03%         |
| Purity              | ≥99.0%  | 99.9%         |

**Conclusion: It complies with the Enterprise Standard.**

Analyst:Zhao

Checker:Liu

Q.C Director. Fang F