



# Certificate of analysis

Productname: (R)-Lansoprazole

Cas number: 138530-94-6

Molecular Formula:  $C_{16}H_{14}F_3N_3O_2S$

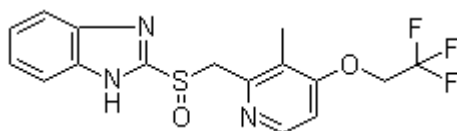
Molecular Weight: 369.36

Date of production: Mar. 25, 2018

Batch NO: 20180325

Exp Date: Mar. 24, 2020

Chemical structure:



| Items                | Specifications   | Results          |
|----------------------|------------------|------------------|
| Description          | off-white powder | off-white powder |
| Identification       | IR, HPLC         | Conforms         |
| Loss on drying       | ≤1.0%            | 0.85%            |
| Residual on Ignition | ≤0.5%            | 0.45%            |
| Total Impurities     | ≤1.0%            | 0.75%            |
| Ee                   | >98.0%           | 99.3%            |
| Assay (on dried)     | 98.0~101.0%      | 99.1%            |

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

Analyst: Zhao

Checker: Liu

Q.C Director: Fang F