



# Certificate of analysis

Productname: Ciprofibrate

Cas number: 52214-84-3

Molecular Formula: C<sub>13</sub>H<sub>14</sub>Cl<sub>2</sub>O<sub>3</sub>

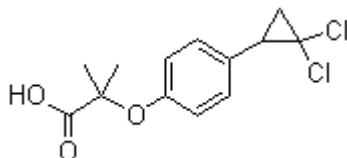
Molecular Weight: 289.16

Date of production: Feb. 25, 2015

Batch NO: 20150225

Exp Date: Feb. 24, 2017

Chemical structure:



Items	Specification	Results
Appearance	White or slight yellow crystalline powder	white crystalline powder
Identification	IR Spectrum	Complies
Water	≤0.5%	0.06%
10% Solution colour	Clear and not more than BY4	Complies
Chloride	≤350ppm	Complies
Sulphated ASH	Around 115°C	117.0~118.5°C
Related substance	Impurity A ≤0.1% Impurity B ≤0.2% Impurity C ≤0.1% Impurity D ≤0.1% Impurity E ≤0.8% Each other impurity ≤0.1% Total impurities ≤1.0%	Complies Complies Complies Complies Complies Complies 0.5%
Heavy metal	≤20ppm	Complies
Assay(Dry basis)	99.0%~101.0%	99.5%
Residual solvents	Toluene ≤890ppm Hexane ≤290ppm	Complies

**Conclusion: It complies with the EP6.0 Standard.**

Analyst: Zhao

Checker: Liu

Q.C Director. Fang