

杭州东瑞医药科技有限公司
HANGZHOU DAWN RAY PHARMACEUTICAL CO.,LTD.

CERTIFICATE OF ANALYSIS

Adapalene

Batch No.: DR140301	Piece: 5.6kg
Manufacture Date: 2014.03.01	Expiry Date: 2016.02.28

TESTS:

Items	Specification	Results
Description	White to lightyellow crystals or crystalline powder, Odorless , tasteless, This product is dissolved in tetrahydrofuran, very slightly soluble in ether or chloroform, almost insoluble in ethanol	Conforms
Identification	UV: There shall be amaximum absorption at 231nm ±1nm、268±1nm、311±1nm wavelength IR: : Should beincontrolofconsistent	Conforms
Related substance	Single impurity≤0.5% Total impurities≤1.0%	Conforms
Methanol、Tetrahydrofuran	Methanol≤0.3% etrahydrofuran≤0.072%	Conforms
Loss on drying	≤1.0%	0.3%
Residue on ignition	≤ 0.2%	0.02%
Heavy metals	≤ 20ppm	<20ppm
Chloride	≤ 0.05%	<0.05%
Sulfate	≤ 0.1 %	<0.1%
Assay	Calculated on the driedC ₂₈ H ₂₈ O ₃ ≥98.5%	99.0%

Conclusion: The results conform with the YBH20742005



Analyst: Joe Yu **Checker:** Agnes Zhong **QA.Manager:** Sun Wenhui

Add:1018 Guangyin Building No.42 E. Fengqi Road, Hangzhou, 310012 China

Tel:+86-571- 85335020

E-mail: agnes@dawnraypharma.com

Fax: +86-571- 85335020

Website: <http://www.dawnraypharma.com/>