

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

**CERTIFICATE OF ANALYSIS**

**Calcium Dobesilate**

<b>Batch No.:</b> DR20150329	<b>Quantity:</b> 700kg
<b>Manufacture Date:</b> 2015.03.29	<b>Expiry Date:</b> 20180328

**TESTS:**

Items	Specification	Results
Appearance	A white or almost hygroscopic powder	A white hygroscopic powder
Identification	A. The specific absorbance at maximum 301nm is 174 to 181	Conform
	B. A blue colour and a precipitate are immediately produced	Conform
	C. 3ml or freshly prepared solution 8 glvos reaction of calcium	Conform
Solubility	A) Water: vrey soluble	A)Conform
	B) Ethanol: soluble	B)Conform
	C) Isopropanol: very slightly soluble	C)Conform
	D) Methylene chloride: very slightly soluble	D)Conform
Appearance of solution	Clear and colorless	Conform
Water	4.0~6.0%	5.6%
PH	4.5~6.0	4.6
Heavy metals	≤10PPM	<5PPM
Iron	≤10PPM	<4PPM
Residual solvent	Ethanol ≤0.5%	≤0.1%
Hydroquinone	HPLC Assay ≤0.1%	0.04%
Unspecifiled substance	HPLC Assay ≤0.1%	0.05%
Total impurities	HPLC Assay ≤0.2%	0.09%
Assay (on dried matter)	99.0%~102.0%	99.9%

Conclusion: The results conform with the EP7.

**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- 86948329

**Website:** http://www.dawnraypharma.com

