

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

CERTIFICATE OF ANALYSIS

D-Phenylalanine (CAS 673-06-3)

<b>Batch No.:</b> DR20120228	<b>Piece:</b> 2000kg
<b>Manufacture Date:</b> 2012.02.28	<b>Expiry Date:</b> 2013.02.27

**TESTS:**

Items	Specification	Results
Characteristics	White to off-white powder	Conforms
Specific optical rotation	+33.5° ~ +35.2°	+35.0°
Heavy metals	≤ 10ppm	Conforms
Loss on drying	≤ 0.2%	0.10%
Residue on ignition	≤ 0.2%	0.09%
Chromatographic purity by HPLC		
Chromatographic purity	≥ 99.0%	99.6%
LPA content by HPLC	≤ 0.1%	0.03%
Assay	98.0%~102.0%	99.5%

Conclusion: The results conform with AJI92.

Analyst: \_\_\_\_\_

Checker: \_\_\_\_\_

QA.Manager: \_\_\_\_\_



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