

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

CERTIFICATE OF ANALYSIS

D-Alanine

Batch No.: DR20131216	Piece: 500kg
Manufacture Date: 2013.12.16	Expiry Date: 2015.12.15

TESTS:

Items	Specification	Results
Appearance	A white to off-white powder	Conforms
Specific rotation[α]D20	-14.3° ~-15.3°	-14.5°
Loss on drying	≤0.2%	0.08%
Chloride (Cl)	≤0.10%	<0.06%
Arsenic (As2O3)	≤2ppm	<2ppm
Residue on ignition	≤0.20%	0.15%
Heavy metals(Pb)	≤10ppm	<10ppm
(Assay)	98.0%-101.0%	99.42%

Conclusion: The result conforms to AJI92



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