

G. AMPHRAY LABORATORIES

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CERTIFICATE OF ANALYSIS

Product Name	: LISINOPRIL	Quantity	: 50 Kg.
Batch No.	: LI0050707	Expiry Date	: JUNE, 2012.
Manufacture Date	: JULY, 2007.	Date of Analysis	: 30.07.2007
A.R.No.	: LI005/07		

RESULT OF ANALYSIS

TEST	SPECIFICATONS	RESULTS
Description	White crystalline powder.	White crystalline powder.
Solubility	Soluble in water. Sparingly soluble in Methanol.	Complies.
Melting Point	Melts about 160 ° C, with decomposition.	162 ° C
Identification	a) I. R. Similar to standard. b) The retention time of major peak in the chromatogram of the assay preparation corresponds to that of standard preparation.	Complies.
Specific Optical Rotation (On Anhydrous Basis)	Between - 115.3 ° and - 122.5 °	- 119.6 °
Water content by K.F.	Between 8.0 % and 9.5 % w/w	8.7 %
Residue on ignition	Not more than 0.1 % w/w	0.07 %
Heavy Metals	Not more than 0.001 % w/w	Less than 0.001 %
Assay by HPLC (On Anhydrous Basis)	Not less than 98.0 % and not more than 102.0 % w/w	99.9 %
Particle Size (By Malvern)	For Information	90 % less than 6.0 µm
Residual Solvents by GC		
Methanol	Not more than 3000 ppm	138 ppm
Ethanol	Not more than 5000 ppm	65 ppm
Acetone	Not more than 5000 ppm	500 ppm
Acetonitrile	Not more than 410 ppm	28 ppm
Methylene Chloride	Not more than 600 ppm	39 ppm

REMARKS: THE PRODUCT CONFORMS TO THE ABOVE SPECIFICATIONS.

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AUTHORISED SIGNATORY