WRS-H,-10

SQUARE

SQUARE PHARMACEUTICALS LIMITED
DHAKA UNIT

Certificate of Analysis (COA) for Working Standard

Material : HYDROCHLOROTHIAZIDE BP	Batch No. : 1000022609
Manuf. : Suzhou Lixin Pharmaceutical Co., Ltd. China	Date of Mfg : 16 Nov'14
Supplier: Suzhou Lixin Pharmaceutical Co., Ltd. China	Expiry date of materials : 15 Nov'17
Date of Analysis : 03 Jul'15	Date of Expiry (as std.): 02 Jul'17
Method of Analysis : HPLC	Ref. Spec. No : RMSP/QC/078/06
Reference standard : Hydrochlorothiazide CRS	No. of Container : Twenty Four
Batch no of CRS : 7.0	Date of storage : 05 Jul'15
Ref. Log Book : LB/QC/0140/14, Page No : 101-103	Storage Condition : NMT 25 ° C

Tests	Specification	Results
1. Appearance	White or almost white, crystalline powder. It shows polymorphism	White crystalline powder, It shows polymorphism
2. Identification	The IR-spectrum of the test sample must be identical with that of standard	Complies
3. Loss On Drying	Maximum 0.5 %	0.19%
4. Related substances	Impurity A: Not more than 0.5%; Impurity B: Not more than 0.5%; Impurity C: Not more than 0.5%; Unspecified impurities: for each impurity: Not more than 0.10%; Total impurities: Not more than 1.0%	Impurity A:Not detected; Impurity B:0.41%; Impurity C:0.06%; Unspecified impurities: Not detected; Total impurities:0.47%
5. Assay	97.5% to 102.0 % of Hydrochlorothiazide, on dried basis	99.8% w/w (ODB) 99.60% w/w (As it is)

17 JUL 2015

Prepared by:	Checked by:	Approved by:
05 Jul'15	Soma Ghosh 05 Jul'15	06 Jul'15
Md. Razib Ahamed	Soma Ghosh	Dr. Md. Zahurul Hossain
Executive, QC	Manager, QC	AGM, QA