



OLD AIRPORT NORTH ROAD P.O Box 69512 00400, Nairobi. Tel: 824267/ 820051/821904 Fax: 020 821902 Email: sphinx@sphinx.co.ke

QUALITY CONTROL DEPARTMENT

CERTIFICATE OF ANALYSIS

WORKING STANDARD NAME:		AMOXICILLIN TRIHYDRATE B.P		
SUPPLIERS BATCH NO: 1311026027	MFG. DATE: 11/2013	EXP. DATE 10/2017	RETEST DATE: 03/2016	WS NO. A4

NO	TEST	SPECIFICATIONS	RESULTS
1.	Appearance	White or almost white, hygroscopic, crystalline powder.	Complies
2.	Foreign particles	10% w/v solution exhibits no particulate contamination	Complies
3.	Solubility	Slightly soluble in water and alcohol, practically insoluble in Diethyl ether and fatty oil. Dissolves in dilute acid and alkali hydroxides	Complies
4.	Identification:	Test C	Complies
5.	Appearance of solution	Solution S is clear and not more intensely coloured than reference solution II	Complies
6.	pH	3.5 – 5.5	4.11
	Water content	11.5% - 14.5%w/w	12.9%w/w
8.	Assay:	95.0% .0 per cent to 102.0 per cent calculated with reference to the anhydrous substance.	87.839%on dried basis
9	Potency		0.87839

The working standard is traceable to Amoxicillin Trihydrate CRM batch no P500127

ANALYSED BY: Q.C Analyst DATE: 14/03/16	CHECKED BY: Q.C Supervisor DATE: 14-03-15	APPROVED BY: Q.C Manager DATE: 15/03/16
-----------------------------------------------	-------------------------------------------------	-----------------------------------------------