



Republic of Kenya
Ministry of Health
National Quality Control Laboratory

Hospital Road, KNH Complex, P.O. Box 29726, 00202 Nairobi, Kenya
Telephone: 2726963, +254 - 020 - 3544525/30 • Fax: 2718073
Email: Info@nqcl.go.ke Website: www.nqcl.go.ke



CERTIFICATE OF ANALYSIS

CHEMICAL REFERENCE SUBSTANCE No.: NQCL-WRS-S12-6

PRODUCT

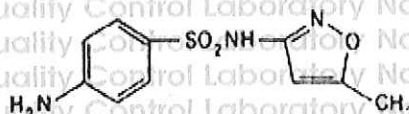
SULPHAMETHOXAZOLE WORKING REFERENCE STANDARD

DATE RECEIVED:
03.Jun.2016

MOLECULAR FORMULA: $C_{10}H_{11}N_3O_3S$

BATCH No.:
3037173

STRUCTURAL FORMULA:



MFG. DATE:
Mar. 2015

MOLECULAR WEIGHT: 253.28

EXP. DATE:

PRESENTATION:

White coloured, free flowing powder.

VALID TILL:
Jul. 2020

TRACEABLE TO:

USP Sulfamethoxazole CRS Lot No. J1F143

RESULTS

TEST	METHOD	COMPENDIA	SPECIFICATION	DETERMINED	REMARKS
Identification	HPLC	USP 38 NF 33 Page 5394	RT of the component peak in the working chemical reference standard assay preparation correspond to that in the primary chemical reference assay standard preparation	Super-imposable peak at RT $6.5 \pm 10\%$ min. present in both the working chemical reference standard and primary chemical standard assay preparations	COMPLIES
Loss on Drying	Loss on Drying	USP 38 NF 33 Page 5394	NMT 0.5%	0.26%	COMPLIES
Assay	HPLC	USP 38 NF 33 Page 5394	93.0 - 107.0% (On anhydrous basis)	99.28% (RSD = 0.7%; n = 9)	COMPLIES

CONCLUSION: The material is qualified to be used as a Working Chemical Reference Substance. Use a value of 99.02% on the "as is basis"

PREPARED BY: MR. K. RUTTO

DATE: 14.Dec.2016

CHECKED BY: DR. E. MBAE

DATE: 14.Mar.2017

APPROVED BY: DR. H. K. CHEPKWONY

DATE: 14.Jul.2017