



QUALITY CONTROL DEPARTMENT			
CERTIFICATE OF ANALYSIS			
FINISHED GOODS			
Product Name : FUROSEMIDE Ph. Eur			
Batch No. :	19036HRII	Batch Size :	603.40 KG
Mfg Date :	Mar/2019	Expiry Date :	Feb/2024
Retest Date :	NA	A.R.No. :	IBD-192060
Lims AR No.:	2102-2105	LIMS Specification No.:	2102-19
Page No.:	1 of 2	Specification No./Revision No.:	TS/BPC/H/CS/COS/03/1

Tests	Specifications	Results
Characters [Appearance]	A white or almost white, crystalline powder.	Almost white crystalline powder
Characters [Solubility]	Practically insoluble in water, soluble in acetone, sparingly soluble in Ethanol (96%), practically insoluble in methylene chloride. it dissolves in dilute solutions of alkali hydroxides.	Conforms
Identification	Infrared absorption spectra of sample and standard are concordant.	Conforms
Appearance Of Solution	The specified solution is clear and not more intensely coloured than reference solution BY5.	Conforms
Related Substances[By HPLC]	Impurity A :NMT 0.10%	BQL
	Impurity B :NMT 0.10%	BDL
	Impurity C :NMT 0.20%	0.08%
	Impurity D :NMT 0.15%	BQL
	Impurity E :NMT 0.10%	BDL
	Any Unspecified Impurity : NMT 0.10%	BQL
	Sum of Impurity : NMT 0.50%	0.08%
Chlorides	NMT 200ppm	Less Than 200 ppm

Checked By (QC)	Amit Kumar	Approved By (QA)	Rajendra Singh
Checked On	30/Mar/2019 11:13	Approved On	05/Apr/2019 10:02
Printed By : Rajendra Singh	Printed on :	05/Apr/2019 10:10	Copy No. : 1
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QUALITY CONTROL DEPARTMENT
CERTIFICATE OF ANALYSIS
FINISHED GOODS

Product Name : FUROSEMIDE Ph. Eur			
Batch No. :	19036HR11	Batch Size :	603.40 KG
Mfg Date :	Mar/2019	Expiry Date :	Feb/2024
Retest Date :	NA	A.R.No. :	IBD-192060
Lims AR No.:	2102-2105	LIMS Specification No.:	2102-19
Page No.:	2 of 2	Specification No./Revision No.:	TS/BPC/H/CS/COS/03/1

Tests	Specifications	Results
Sulphates	NMT 300ppm	Less Than 300 ppm
Loss On Drying	NMT 0.5%w/w	0.13% w/w
Sulphated Ash	NMT 0.1%w/w	0.04% w/w
Assay	98.5% - 101.0% w/w of $C_{12}H_{11}ClN_2O_5S$ (on dried basis)	99.7% w/w [odb]
REMARKS : The sample CONFORMS with respect to the above specifications		

Checked By (QC)	Amit Kumar	Approved By (QA)	Rajendra Singh
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