

QUALITY CONTROL DEPARTMENT			
CERTIFICATE OF ANALYSIS			
FINISHED GOODS			
Product Name : FUROSEMIDE Ph. Eur.			
Batch No. :	23080H1ARII	Batch Size :	732.60 Kg
Mfg Date :	Jul/2023	Retest Date :	NA
Expiry Date :	Jun/2028	A.R.No. :	IBD-232926
Lims AR No.:	2102-57724	LIMS Specification ID.:	2102-348
Page No.:	1 of 2	Specification No.:	TS/BPC/H/CS/COS/03

Tests	Results	Specifications
Characters (Appearance)	White crystalline powder.	A white or almost white, crystalline powder.
Characters (Solubility)	Conforms	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.
Identification	Conforms	Infrared absorption spectra of sample and standard are concordant.
Appearance of Solution	Conforms	The specified solution is clear and not more intensely coloured than reference solution BY ₅ .
Related Substances (By HPLC)	BQL	Impurity A NMT 0.10%
	BDL	Impurity B NMT 0.10%
	BQL	Impurity C NMT 0.20%
	BQL	Impurity D NMT 0.15%
	BDL	Impurity E NMT 0.10%
	BDL	Any Unspecified Impurity NMT 0.10%
	BQL	Sum of Impurity NMT 0.50%
Chlorides	< 200 ppm.	NMT 200 ppm.

Checked By (QC)	Amit Kumar Singh	Approved By (QA)	Manish Chouhan
Checked On	01/Aug/2023 18:32	Approved On	05/Aug/2023 11:18
Printed By : Himanshu Bhopte	Printed on :	05/Aug/2023 17:16	Copy No. : 1
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Tests	Results	Specifications
Sulphates	< 300 ppm.	NMT 300 ppm.
Loss on drying (at 105°C)	0.21 %w/w	NMT 0.5% w/w
Sulphated ash	0.05 %w/w	NMT 0.1% w/w
Assay	99.7 %w/w	98.5% - 101.0% w/w of C ₁₂ H ₁₁ ClN ₂ O ₅ S (on dried basis)
REMARKS : The sample CONFORMS with respect to the above specifications		

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