

QUALITY DIVISION
CERTIFICATE OF ANALYSIS

Lot: 00J03J5

NAME OF THE PRODUCT : FUROSEMIDE Ph. Eur.			
BATCH SIZE	: 650.0 Kgs	BATCH No.	: 3044HR11
MFG. DATE	: Aug. 2013	A. R. No.	: IBD - 132586
EXP. DATE	: Jul. 2018	DATE	: 29/08/2013

TESTS	SPECIFICATIONS	RESULTS
CHARACTERS	A white or almost white, crystalline powder, 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
RELATED SUBSTANCES	Impurity A : NMT 0.10% Impurity B : NMT 0.10% Impurity C : NMT 0.20% Impurity D : NMT 0.15% Impurity E : NMT 0.10% Unidentified impurity : NMT 0.10% Sum of impurity : NMT 0.50%	< 0.05% < 0.05% 0.09% 0.11% < 0.05% < 0.05% 0.20%
CHLORIDES	NMT 200 ppm	< 200 ppm
SULPHATES	NMT 300 ppm	< 300 ppm
HEAVY METALS	NMT 20 ppm	< 20 ppm
LOSS ON DRYING (at 105°C)	NMT 0.5% w/w	0.25% w/w
SULPHATED ASH	NMT 0.1% w/w	0.06% w/w
ASSAY	98.5% - 101.0% of $C_{12}H_{11}ClN_2O_5S$ (on dried basis)	99.9% (odb)
REMARKS : The above sample CONFORMS as per Ph. Eur. Specifications.		


ANALYST
DATE : 23/05/2014


MANAGER QUALITY CONTROL
DATE OF PRINT : 23/05/2014