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Ipca Laboratories Limited
P.O. SEJAVTA 457 002. DIST. RATLAM (M. P.)



QUALITY DIVISION
CERTIFICATE OF ANALYSIS

NAME OF THE PRODUCT : **FUROSEMIDE Ph. Eur.**

BATCH SIZE : 582.0 Kgs

BATCH No. : 3061HR11

MFG. DATE : Oct. 2013

A. R. No. : IBD - 133339

EXP. DATE : Sep. 2018

DATE : 07/05/2014

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% 0.06% < 0.05% Not Detected < 0.05% 0.06%
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	0.28% 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.		

Veddy
ANALYST

DATE : 07/05/2014

[Signature]
MANAGER QUALITY CONTROL

DATE : 07/05/2014