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Plot no. 1116/P, Lamadapura Road,
Manjusar – 391 775,
Ta- Savli, Dist. Vadodara, Gujarat, India

Quality Control

Standard Test Specifications

Title: UreaIP

Page No.: 1 of 3

Specification No.:
ACPL/FP/SP/050

Revision No.:
00

Effective Date
16/09/2021

Review Date
15/09/2024


Change Control No.

NA

Prepared By: 

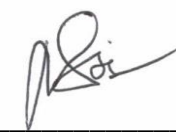
Date: 13/09/2021

Name : Pankaj Patel
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Reviewed By: 

Date: 14/09/2021

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Approved By: 

Date: 15/09/2021

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1.0 SAMPLING LEVEL :

As mentioned in the “Sampling procedure” SOP.

2.0 SAMPLING METHOD TO BE FOLLOWED:

100% sampling to be done from each container.

3.0 TOTAL COMPOSITE SAMPLE TO BE COLLECTED :

100 gm

4.0 EXPIRY :

Five years from the Date of Manufacturing.

5.0 CAS No: 57-13-6**6.0 MOLECULAR FORMULA: CH₄N₂O****7.0 MOLECULAR WEIGHT: 60.1 gm/mol.****8.0 CATEGORY: Antifungal (topical).****9.0 STORAGE: Store protected from light and moisture.****10.0 SAFETY PRECAUTIONS TO BE TAKEN WHILE SAMPLING AND HANDLING :**

Use hand gloves, goggles and apron during Handling.

11.0 CONTROL SAMPLE: 3 X 100gm.**UNCONTROLLED COPY****Format No. QC/017/F/01-00****Certified By (Sign/Date) :**

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TEST PARAMETERS AND SPECIFICATIONS

REF: IP

Sr.No.	TEST PARAMETER	SPECIFICATION
1.	Appearance	A white, crystalline powder or transparent Crystals; odourless or almost odourless, but may gradually develop a slight odour of ammonia upon long standing; slightly hygroscopic.
2.	Identification A Infrared absorption Spectrophotometry Comparison urea with RS or with the reference spectrum of urea. Identification B A reddish-violet colour is produced Identification C A white, crystalline precipitate is produced.	To Pass test To Pass test To Pass test
3.	Appearance of Solution	The solution is clear and colourless
4.	Alkalinity	To Pass test
5.	Biuret	Max. 0.1 %
6.	Ethanol-insoluble matter.	Max. 0.04 %
7.	Heavy metals	Max. 20 ppm
8.	Sulfated ash	Max. 0.1 %
9.	Loss on drying	Max. 1.0 %
10.	Assay % (Dried basis)	99.0% - 101.0 %

REVISION HISTORY:

Revision No.	Effective Date	Revision Description	Change Control No.
00	16/09/2021	First Issuance	N A

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