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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: Urea AR**

**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: 

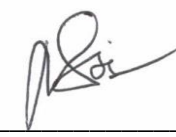
Date: 13/09/2021

Name : Pankaj Patel  
(QC Officer / Designee)

Reviewed By: 

Date: 14/09/2021

Name : Nilesh Shah  
(Unit Head / Designee)

Approved By: 

Date: 15/09/2021

Name : Naresh Solanki  
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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 RETEST DATE:** One year**5.0 CAS No:** 57-13-6**6.0 MOLECULAR FORMULA:** CH<sub>4</sub>N<sub>2</sub>O**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: AR**

Sr. No.	TEST PARAMETER	SPECIFICATION
1.	Description	White or almost white, crystalline powder or transparent crystals, slightly hygroscopic.
2.	Solubility in Water	Clear & colorless
3.	Melting Range	132°C - 133°C
4.	Biuret	Max. 500 ppm
5.	Sulphate as SO <sub>4</sub>	Max. 10 ppm
6.	Acidity	Max. 20 ppm
7.	Alkalinity	Max. 20 ppm
8.	Water Insoluble Matter	Max. 30 ppm
9.	Sulphated ash	Max. 50 ppm
10.	Iron as Fe	Max. 1 ppm
11.	Heavy Metals as Pb	Max. 2 ppm
12.	Chloride as Cl	Max. 5 ppm
13.	Assay %	Min. 99.5 %

**REVISION HISTORY:**

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

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