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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: Di Ammonium Hydrogen Phosphate ACS

Page No.: 1 of 3

Specification No.:
ACPL/FP/SP/024

Revision No.:
00

Effective Date
21/07/2021

Review Date
20/07/2024


Change Control No.

NA

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Date: 17/07/2021

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Certified By (Sign/Date) :  21/07/2021

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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 RETEST DATE : Three year

5.0 CAS No: 7783-28-0

6.0 MOLECULAR FORMULA: $(\text{NH}_4)_2\text{HPO}_4$

7.0 MOLECULAR WEIGHT: 132.06 gm/mol.

8.0 CATEGORY: Excipients

9.0 STORAGE: In airtight container.

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.

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TEST PARAMETERS AND SPECIFICATIONS
REF: ACS

Sr. No.	TEST PARAMETER	SPECIFICATION
1.	Description	Colorless or white crystals or crystalline powder
2.	Solubility	Soluble in water
3.	pH (5% Aqueous Solution)	7.8 to 8.5
4.	Chloride as Cl	Max. 10 ppm
5.	Sulphate as SO ₄	Max. 100 ppm
6.	Nitrate as NO ₃	Max. 30 ppm
7.	Calcium as Ca	Max. 10 ppm
8.	Magnesium as Mg	Max. 5 ppm
9.	Potassium as K	Max. 50 ppm
10.	Sodium Na	Max. 50 ppm
11.	Iron as Fe	Max. 10 ppm
12.	Water Insoluble matter	Max. 50 ppm
13.	Heavy Metal	Max. 10 ppm
14.	Assay	Min. 98.5 %

REVISION HISTORY:

Revision No.	Effective Date	Revision Description	Change Control No.
00	21/07/2021	First Issuance	N A

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