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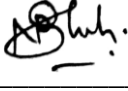
Plot no. 1116/P, Lamadapura Road,
Manjusar – 391 775,
Ta- Savli, Dist. Vadodara, Gujarat, India

Quality Control**Standard Test Specifications****Title: Ammonium Dihydrogen Phosphate ACS****Page No.: 1 of 3**


Specification No.: ACPL/FP/SP/017	Revision No.: 00	Effective Date 05/07/2021	Review Date 04/07/2024
Change Control No.	NA		

Prepared By: Date: 01/07/2021Name : Pankaj Patel

(QC Officer / Designee)

Reviewed By: Date: 02/07/2021Name : Niles Shah

(Unit Head / Designee)

Approved By: Date: 03/07/2021Name : Naresh Solanki

(QA/QC In Charge / Designee)

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Page No.: 2 of 3

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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: 7722-76-1

6.0 MOLECULAR FORMULA: $\text{NH}_4\text{H}_2\text{PO}_4$

7.0 MOLECULAR WEIGHT: 115.03 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) at 25.0°C	3.8 to 4.4
4.	Chloride as Cl	Max. 5 ppm
5.	Sulphate as SO ₄	Max. 100 ppm
6.	Iron as Fe	Max. 10 ppm
7.	Nitrate as NO ₃	Max. 10 ppm
8.	Calcium as Ca	Max. 10 ppm
9.	Magnesium as Mg	Max. 5 ppm
10.	Potassium as K	Max. 50 ppm
11.	Sodium as Na	Max. 50 ppm
12.	Insoluble matter	Max. 50 ppm
13.	Heavy Metal	Max. 5 ppm
14.	Assay	Min. 98.0%

REVISION HISTORY:

Revision No.	Effective Date	Revision Description	Change Control No.
00	05/07/2021	First Issuance	N A

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