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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 LR

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

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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 years

5.0 CAS No: 7722-76-1

6.0 MOLECULAR FORMULA: $NH_4H_2PO_4$

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: LR

Sr. No.	TEST PARAMETER	SPECIFICATION
1.	Description	Colorless or white crystals or crystalline powder
2.	Solubility	Soluble in water
3.	pH (5% Aqueous Solution)	4.0 to 4.8
4.	Chloride as Cl	Max. 50 ppm
5.	Sulphate as SO ₄	Max. 100 ppm
6.	Nitrate as NO ₃	Max. 20 ppm
7.	Arsenic as As	Max. 1 ppm
8.	Heavy Metal	Max. 10 ppm
9.	Assay%	98.0% - 101.0%

REVISION HISTORY:

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

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