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Annexe
CHEM PVT. LTD.

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

Quality Control

Standard Test Specifications

Title: Di Potassium Hydrogen Phosphate ACS


Page No.: 1 of 3

Specification No.:	Revision No.:	Effective Date	Review Date
ACPL/FP/SP/004	00	23/07/2021	22/07/2024
Change Control No.	NA		

Prepared By: 


Date: 20/07/2021

Name : Pankaj Patel
(QC Officer / Designee)

Reviewed By: 

Date: 21/07/2021

Name : Nilesh Shah
(Unit Head / Designee)

Approved By: 

Date: 22/07/2021

Name : Naresh Solanki
(QA/QC In Charge / Designee)

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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: 7758-11-4

6.0 MOLECULAR FORMULA: K_2HP0_4

7.0 MOLECULAR WEIGHT: 174.18gm/mol.

8.0 CATEGORY: Excipients.

9.0 STORAGE: In an 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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NA

TEST PARAMETERS AND SPECIFICATIONS**REF: ACS**

Sr. No.	TEST PARAMETER	SPECIFICATION
1.	Description	A White Powder or colorless Crystals, Very Hygroscopic
2.	Solubility	Very Soluble in water
3.	pH (5% aqueous solution)	8.5 – 9.6
4.	Water insoluble matter	Max. 100 ppm
5.	Loss on Drying	Max. 1.0%
6.	Chloride (Cl)	Max. 30 ppm
7.	Sulphate (SO ₄)	Max. 50 ppm
8.	Heavy metals (as Pb)	Max. 5 ppm
9.	Iron (Fe)	Max. 20 ppm
10.	Sodium (Na)	Max. 10 ppm
11.	Assay	Min.98.00%

REVISION HISTORY:

Revision No.	Effective Date	Revision Description	Change Control No.
00	23/07/2021	First Issuance	N A

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