



**Manufacture Of Fine and Speciality Chemicals**

**Works:** Plot no. 1116, Lamadapuraroad, Manjusar-391775, Ta- savli, Dis. Vadodara, Gujarat, India

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**FINISHED PRODUCT SPECIFICATION**

**QCD.F.042**

Name of Product	:	<b>Potassium Chloride</b>		
Chemical Formula	:	KCl	Effective Date	: 15/11/2016
Molecular Weight	:	74.56 g/mol	Retest Date	: After 3 Year
CAS No.	:	7447-40-7	Master Copy	: Quality Control
Specification	:	Confirmed as IP		
Product Code	:	FP018003		
HSN Code	:	28272000		
Department	:	Quality Control	Page No.	: 01 Of 01
<b>NO.</b>	<b>TEST</b>	<b>SPECIFICATION</b>		
1.	DESCRIPTION	Colorless crystals or white, crystalline powder; odorless		
2.	SOLUBILITY	Freely soluble in <i>water</i> ; practically insoluble in <i>ethanol</i> and in <i>ether</i>		
3.	Identification	Passes the Test		
4.	Clarity and color of solution	Clear & colorless solution (10% KCl w/w)		
5.	Acidity or Alkalinity	Passes the Test		
6.	Barium	Passes the Test		
7.	Arsenic	Passes the Test		
8.	Iron	Max. 0.002%		
9.	Calcium & Magnesium	Passes the Test		
10.	Sulphate	Max. 0.03%		
11.	Heavy Metal	Max. 0.001%		
12.	Bromide	Passes the Test		
13.	Iodide	Passes the Test		
14.	Aluminum	Passes the Test		
15.	Sodium	Max. 0.1%		
16.	Loss on Drying at 105°C	Max. 1%		
17.	Assay (Dry Basis)	NLT 99 % and NMT 100.5%		
Storage		: Store in tightly-closed containers.		

<b>PREPARED BY</b>		<b>CHECKED BY</b>		<b>APPROVED BY</b>	
<b>SIGN</b>	<b>DATE</b>	<b>SIGN</b>	<b>DATE</b>	<b>SIGN</b>	<b>DATE</b>