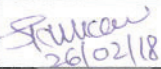
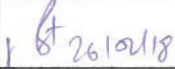


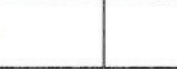
				
Deepak Fertilisers and Petrochemicals Corporation Limited, Taloja, Maharashtra, India K1				
Finish Product Specification				
Title	ISO PROPYL ALCOHOL I.P		DC No.	QA/FP/SPE/IPA/04
Chemical formula	C3H8O	Mol. Wt.	60.1	CAS No: 67-63-0
Issue Date	26/02/2018		Review Date	25/02/2019
Unit	DFPCL, K1		Version	2.0
S. No.	Characteristics	UOM	Specification	
1	Description	-	Clear colourless liquid .Odour-Characteristic and spirituous,flammable.	
2	Solubility	-	Miscible with water, with chloroform and with ether.	
3	Identification - A	-	Mix 1 ml of a 10% v/v soln.with 2 ml of mercuric sulphate soln. and heat just to boiling;a white or yellowish white ppt. is produced	
4	Identification - B	-	Gently heat 1 ml with 4 ml of dil.potassium dichromate solution and 1 ml of sulphuric acid;acetone,recognisable by its odour,is evolved	
5	Acidity or Alkalinity , maximum	ml	0.06 ml of 0.1 M Sodium Hydroxide (for neutralisation of 25 ml sample)	
6	Water content , maximum	%w/w	0.100	
7	Distillation range , minimum	%v/v	95 % v/v distills between 81°C & 83°C	
8	Refractive index at 20 °C	-	1.377 to 1.378	
9	Weight per ml 20 °C	gm/ml	0.782 to 0.786	
10	Aldehydes and Ketones , maximum	ml	2.0 ml of 0.1 M Sodium Hydroxide	
11	Benzene , maximum	%v/v	0.0002	
12	Benzene & total substances by GC , maximum	%v/v	0.300	
13	Non volatile matter, maximum	% w/v	0.002	
Reference: DFPCL Spec. IPA -S-01 , IS 11686:1997 & Indian Pharmacopeia 2014 volume I,II,III,IV DC No. Document Control Number FP Finish Product UOM Unit of measurement w/w Weight by weight				
Prepared by	Checked by	Approved by		
				
Manager-QA	AGM-QA	Sr.GM-QA	AVP-Manufacturing	EVP-Sales