

	RM-SPECIFICATION		DOCUMENT STATUS
	Material : Isopropyl Alcohol ( $C_3H_8O$ ) Item Code: Purpose : Consumables		DRAFT
MATERIAL CODE:	C07	DOCUMENT NO.	48

S.no	Description	UOM	Specification
1.	Physical State / Color	-	Liquid/Colorless
2.	Assay Content (By G.C)	%	99
3.	Grade	-	SQ
4.	Mol. Wt.	g/mol	60.1
5.	Impurities	%	Percentage
6.	Aldehydes & Ketones	%	0.05
7.	Non- Volatile matter	%	0.01
8.	Water	%	0.01
9.	Acidity (In ml N/1%)	%	0.05
10.	Density	g/cm <sup>3</sup>	0.79
11.	Melting point	°C	-89
12.	Boiling Point	°C	81
13.	Supplier	-	Sneha Scientific
14.	MSDS no.	-	XXX
15.	CAS no.	-	67-63-0
16.	Acceptance Criteria		
17.	Visual Acceptance	-	Colorless Liquid
18.	Assay Content	%	99 ± 2
19.	Melting point	°C	-89
20.	Properties	Test Method	Test Agency
21.	Purity Analysis	NMR	IIT-HYD/CMET
22.	Boiling Point	Distillation	RES

PREPARED BY:		REVIEWED & APPROVED BY:
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RENEWABLE ENERGY SYSTEMS LIMITED