

	RM-SPECIFICATION Material : Acetone (C₃H₆O) Item Code: Purpose : Consumables		DOCUMENT STATUS
			DRAFT
MATERIAL CODE:	C01	DOCUMENT NO.	42

S.no	Description	UOM	Specification
1.	Physical State / Color	-	Liquid/Colorless
2.	Assay Content (by GC)	%	98
3.	Grade	-	ER/ACS
4.	Mol. Wt.	g/mol	58
5.	Impurities	%	Percentage
a.	Water (By KF)	%	0.5
b.	Acidity (as CH ₃ COOH)	%	0.002
c.	Alkalinity (In ml N/1)	%	0.03
d.	Non-Volatile Matter	%	0.0005
e.	Aldehyde	%	0.002
f.	Methanol (CH ₃ OH)	%	0.05
6.	Melting point	°C	-94
7.	Boiling point	°C	56
8.	Supplier	-	Madhava Lab Chemicals
9.	MSDS no.	-	XXX
10.	CAS no.	-	67-64-1
11.	Acceptance Criteria		
a.	Visual Acceptance	-	Colorless Liquid
b.	Assay Content	%	98
c.	Boiling point	°C	56
12.	Properties to be tested	Test Method	Test Agency
a.	Purity Analysis	NMR/GC/COC	NABL, IIT-HYD/CMET

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