

	<b>RM-SPECIFICATION</b>		DOCUMENT STATUS
	<b>Material</b> : Hydrochloric Acid (HCl) <b>Item Code:</b> <b>Purpose</b> : Consumables		<b>DRAFT</b>
<b>MATERIAL CODE:</b>	C31	<b>DOCUMENT NO.</b>	11

S.no	Description	UOM	Specification
1.	Physical State / Color	-	Liquid/Hazen 10
2.	Assay Content	%	35-38
3.	Grade	-	NA
4.	Mol. Wt.	g/mol	36.46
5.	<b>Element</b>	<b>%</b>	<b>Percentage</b>
a.	Assay	%	35-38
b.	Residue on evaporation	%	0.01
c.	Cl	%	0.0005
d.	Fe	%	0.0001
e.	Pb	%	0.0005
6.	Specific gravity		1.18
7.	Melting point	°C	-114
8.	Boiling point	°C	-85.05
9.	Supplier	-	Sneha Scientific
10.	MSDS no.	-	XXX
11.	CAS no.	-	7647-01-0
12.	<b>Acceptance Criteria</b>		
a.	Visual Acceptance	-	Hazen 10 Liquid
b.	Assay Content	%	35-38
13.	<b>Properties to be tested</b>	<b>Test Method</b>	<b>Test Agency</b>
a.	Purity Analysis	COC	-

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