

	RM-SPECIFICATION		DOCUMENT STATUS
	Material : Ortho Phosphoric Acid (H_3PO_4) Item Code: Purpose : Consumables		DRAFT
MATERIAL CODE:	C24	DOCUMENT NO.	43

S.no	Description	UOM	Specification
1.	Physical State / Color	-	Liquid/Colorless
2.	Assay Content	%	88
3.	Odor	-	Odorless
4.	Grade	-	ExcelaR
5.	Molecular Weight	g/mol	98
6.	Element	%	Percentage
a.	Purity	%	85
b.	As	%	0.0001
c.	Ca	%	0.004
d.	SiO ₂	%	0.002
7.	Melting point	°C	21
8.	Boiling point	°C	158
9.	Supplier	-	Sneha Scientific
10.	MSDS no.	-	XXX
11.	CAS no.		7664-38-2
12.	Acceptance Criteria		
a.	Visual Acceptance	-	Colorless Liquid
b.	Assay Content	%	88 ±2
13.	Properties to be tested	Test Method	Test Agency
a.	Quantitative & qualitative analysis	ICPMS/Titration	NABL, IIT-HYD, CMET
b.	Purity Analysis	NMR	IIT-HYD/CMET

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