

	RM-SPECIFICATION Material : Silver nitrate (AgNO₃) Item Code: Purpose : Consumables		DOCUMENT STATUS DRAFT
	MATERIAL CODE:	C13	DOCUMENT NO.

S.no	Description	UOM	Specification
1.	Physical State / Color	-	Crystalline solid/white
2.	Assay Content	%	99
3.	Odor	-	Odorless
4.	Grade	%	AR
5.	Mol. Wt.	g/mole	169.87
6.	Element	%	Percentage
a.	Silver Nitrate	%	99
b.	Substance insoluble water	%	0.003
c.	Sulphates	%	0.0025
d.	Chlorides	%	0.0005
e.	Iron	%	0.0003
f.	Bismuth	%	0.001
7.	Melting point	°C	212
8.	Boiling point	°C	440
9.	Supplier	-	Sneha Scientific
10.	MSDS no.	-	XXXX
11.	CAS no.		7761-88-8
12.	Acceptance Criteria		
a.	Visual Acceptance	-	Crystalline solid
b.	Assay Content	%	98±1
c.	Boiling point	°C	440
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:
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RENEWABLE ENERGY SYSTEMS LIMITED
