

APPENDIX 1

1 chemical analysis of pure iron oxide

Element	Mass (%)
Total Fe	69.30.
Al ₂ O ₃	0.06
SiO ₂	Absent
Fe ₂ O ₃	99.0.

APPENDIX 2

2 Size disribution of pure iron oxide

Sr.No	Micron	Mesh No.	% Weight Retained
1	152	100	1.68
2	152+125	-100+120	3.25
3	125+105	-120+150	12.94
4	105+88	-150+170	10.94
5	88+76	-170+200	1.88
6	76+65	-200+250	26.07
7	65+40	-250+350	33.06
8	40	350	10.00.