
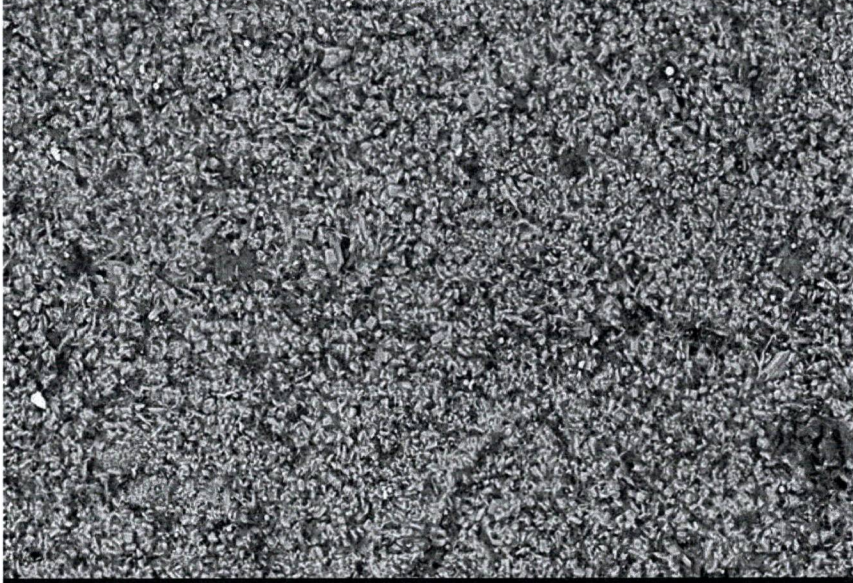


TEST REPORT

Report No: Y-05293.1	Page 1 of 4	Date: 19/02/2026
To, Major AP Joshi Fateganj		
TEST: Scanning Electron Microscopy		
TEST PROCEDURE: Based on ASM handbook Vol 9		
Test Performed at: TCR Advanced Engineering Pvt. Ltd., Testing Division		
Instrument Utilized:	Phenom XLG2	
*Customer's Reference:	Letter Dated : 06.02.2026	
Sample received on:	06/02/2026	
*Condition of sample:	Test Piece	
*Specification:	SAE 4140	
Date of completion of test:	19/02/2026	Sample Drawn by: Witnessed Client
*SAMPLE ID: Coupon Sample, Code - 751		
Observation:	SEM image no. 1 to 5 show Manganese Phosphate crystallite at various magnification.	
Photographs are included on next page.		



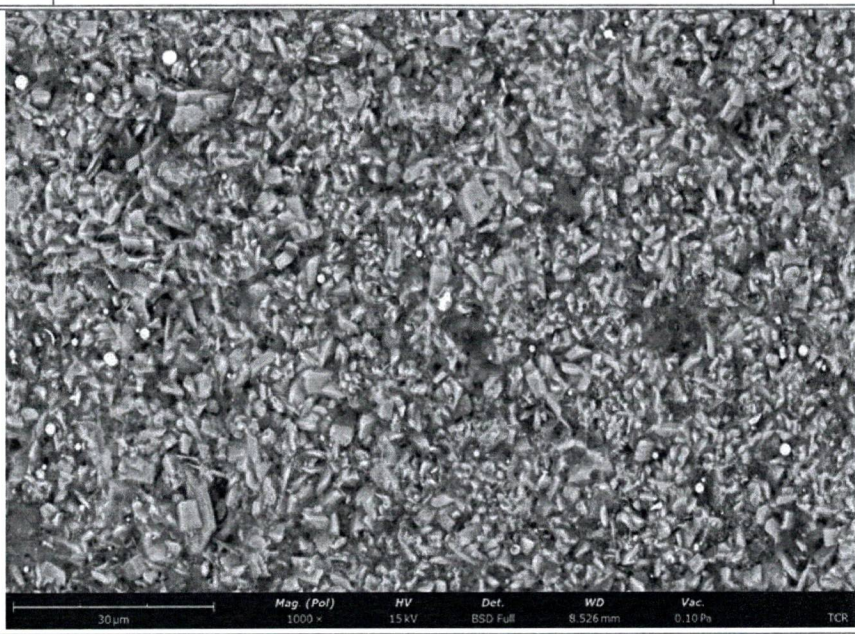
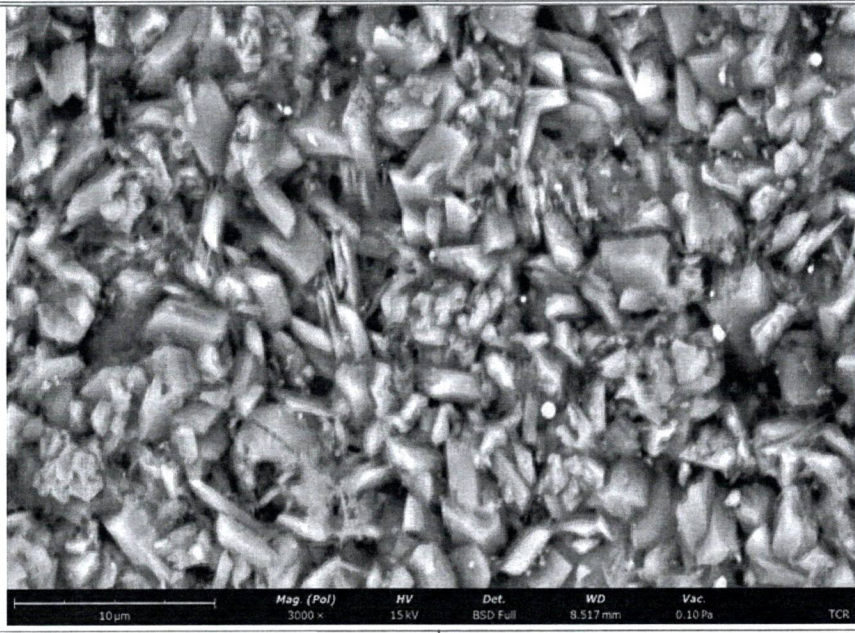
TEST REPORT

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 <p>200 µm Mag. (Pol) 150 x HV 15 kV Det. BSD Full WD 8.526 mm Vac. 0.10 Pa TCR</p>		
Plate 1	150X	
 <p>80 µm Mag. (Pol) 500 x HV 15 kV Det. BSD Full WD 8.517 mm Vac. 0.10 Pa TCR</p>		
Plate 2	500X	



1. Test results only relate to the sample tested. 2. Test certificate shall not be re-produced except in full without the written approval of laboratory.
 3. * Information provided by customer, ** Out of NABL Scope of testing. 4. Results are valid at the time of performance of tests only under specified conditions.

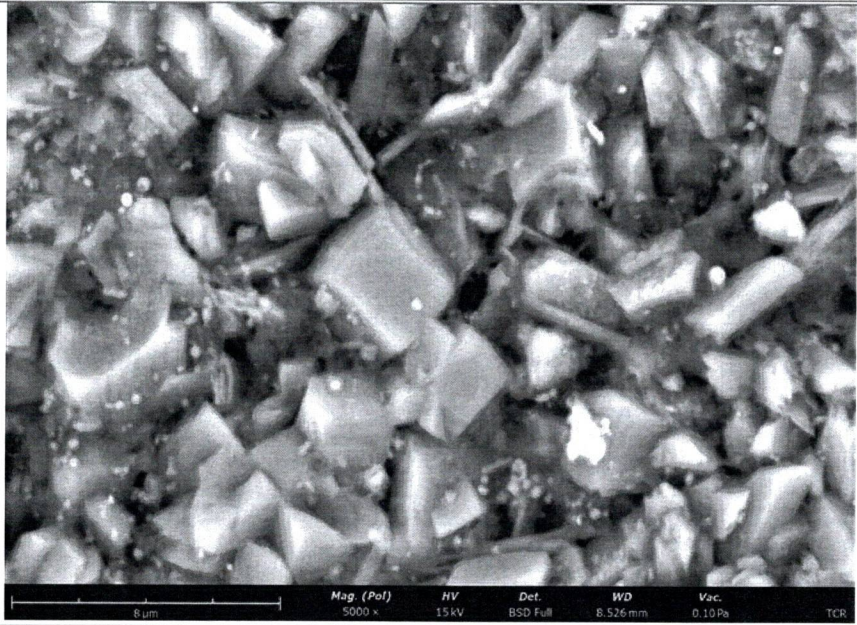
TEST REPORT

Report No: Y-05293.1	Page 3 of 4	Date: 19/02/2026
		
Plate 3		1000X
		
Plate 4		3000X



1. Test results only relate to the sample tested. 2. Test certificate shall not be re-produced except in full without the written approval of laboratory.
 3. * Information provided by customer, ** Out of NABL Scope of testing. 4. Results are valid at the time of performance of tests only under specified conditions.

TEST REPORT

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Plate 5	5000X	

End of report.

Checked By: Krishna Patel




 Authorised Signatory
G. R. Patel (G.M.)