



Annexure - I

NUMALIGARH REFINERY LIMITED
(A Government of India Undertaking)
QUALITY CONTROL LABORATORY
CERTIFICATE OF QUALITY FOR PARAFFIN WAX, SEMI REFINED

Sample Ref: TEST
Sample Received On: 9/9/2016 12:00:00AM
Sample Tested On: 9/9/2016 12:00:00AM
Batch No.: NRL/PW-SR/105C/013/16-17
Sample Drawn By: NRMT

Request Ref: Mail dated 09.09.2016
Certificate Issued On: 9/10/2016 12:00:00AM
Certificate Issued To: NRMT
Certificate No. NRL/PW-SR/075/16-17
Sampling Plan: IS :1447 (Part 3)

SL. NO.	CHARACTERISTICS	REQUIREMENTS SEMI REFINED	METHOD OF [P] of IS 1448 IS:4654-1993	RESULT
1	Melting point (Cooling curve) °C,	45.0 to 75.0	Annex A	62.8
2	Ash content (% by Mass), Max	0.03	P:4	NIL
3	Acidity Organic (mg of KOH /gm),N	0.10	P:2	0.03
3	Acidity Inorganic (mg of KOH /gm),	0.02	P:2	NIL
4	Saponification value, Max	1.0	P:55	0.00
5	Oil Content (% by Mass), Max	3.50	Annex B	1.00
6	Color ASTM,(Max) / Lovibond,	2.0	P:12	1.0

The results relate only to the sample tested.

The test report shall not be reproduced except in full, without any written approval of the laboratory.

For & on behalf of
Numaligarh Refinery Limited
Purna Nanda Das
Deputy Manager (Quality Control)