



Certificate Of Quality
NUMALIGARH REFINERY LIMITED
(A Government of India Enterprise)

Paraffin Wax_Fully Refined

Tank / Sphere/ Bagging No. : WAXTK 105C

Batch No. : PWAX_FR/PL/NRL/NRMT/WAXTK_105C/21

Date of Sample Drawn : 17/02/2017

Certificate Number : PWAX_FR/NRMT/71/2016-2017

Sample Drawn By : Purna Nanda Das

Date of Certification : 21/02/2017

Request Reference : 18125

Sr. No.	Tests	Units	Methods	Specification	Results
1	Melting Point (Cooling Curve)	deg C	IS 4654 , Annexure A	45.0 to 75.0	62.2
2	Ash content	% Mass	IS 1448 P:4	Max 0.03	0.00
3	Acidity Organic	mg KOH/g	IS 1448 P:2	Max 0.10	0.03
4	Acidity Inorganic	mg KOH/g	IS 1448 P:2	Max 0.02	0.00
5	Saponification Value		IS 1448 P: 55	Max 1.0	0.00
6	Oil Content	% Mass	IS 4654 , Annexure B	Max 0.50	0.38
7	Color Lovibond,18 in Cell	Y	IS 1448 , P:13, Method A	Max 1.0	0.2

REMARKS: Product Conforms IS 4654 :1993

1. The results relate only to the tank/sphere/bagging, sampled date of the items tested.
2. Tank sampled as per IS 1447 (Part 3) :1992
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Purna Nanda Das
DY MANAGER (QUALITY CONTROL)
FOR CHIEF MANAGER (QUALITY CONTROL)

A LABORATORY ACCREDITED BY NABL FOR INTERNATIONAL STANDARDS (ISO 17025)
General Requirements for the Competence of Testing & Calibration Laboratories