



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/43
Date of Sample Drawn :	06/11/2017	Certificate Number :	PWAX_FR/NRMT/103/2017-2018
Sample Drawn By :	Naba Jyoti Dutta	Date of Certification :	09/11/2017
Type of Sample :	PWAX_FR	Request Reference :	60854

Sr. No.	Tests	Units	Methods	Specification	Results
1	Melting Point (Cooling Curve)	deg C	IS 4654 , Annexure A	45.0 to 75.0	62.0
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	0.47
7	Color Lovibond,18 in Cell	Y	IS 1448 , P:13, Method A	Max 1.0	0.1
8	Colour (Saybolt)		P: 14 / ASTM 6045	Min +24	30

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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Anil Deka
ASSTT MGR(QUALITY CONTROL)
FOR DEPUTY GENERAL MANAGER (QUALITY CONTROL)

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