



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

Paraffin Wax_Fully Refined

Tank / Sphere/ Bagging No. : WAXTK 105D **Batch No. :** PWAX_FR/PL/NRL/NRMT/WAXTK_105D/56
Date of Sample Drawn : 08/11/2017 **Certificate Number :** PWAX_FR/NRMT/104/2017-2018
Sample Drawn By : Syed Abu Abrar Hussain **Date of Certification :** 11/11/2017
Request Reference : 61179

Sr. No.	Tests	Units	Methods	Specification	Results
1	Melting Point (Cooling Curve)	deg C	IS 4654 , Annexure A	45.0 to 75.0	61.8
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	0.45
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
3. This certificate is the property of Quality Control Laboratory of Numaligarh Refinery, and shall not be reproduced except in full without written approval of the Laboratory.
4. This report shall not be published or reproduced for commercial / advertisement purpose.
5. This is a computer generated document from LIMS, hence no signature is required.

Purna Nanda Das
MANAGER (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