



1060 N Capitol Ave Suite 6-401 , Indianapolis IN 46204-1044

Phone: 317-328-5660 Fax: 317-328-2359 www.calumetspecialty.com

Certificate of Analysis

PO Number:	12621	Order Number:	1437176
Product:	TITANWAX PARANATURAL 51104, SLAB, CARTON	Shipping Date:	Aug 20, 2024
Cust. Mat. No:	99381	Date of Mfg:	Jul 25, 2024
Product Code:	500816130433	Qty:	2,088 LB
Batch # :	2407240013		
Carrier:	0060001343-A CUSTOMER TRUCK		

Shipping To:
SHAY & CO.
7615 N UPLAND DR
PORTLAND OR 97203-6108

Shipping From:
CALUMET REFINING, LLC
301 S. BUTTERFIELD ROAD
MUNCIE IN 47303-4317

Test Description	Units	Method	Min.	Max.	Results
API GRAVITY		D1298			30.3
POUNDS PER GALLON @ 60°F	lb/gal	D1250			7.291
APPEARANCE		VISUAL	B/C		B/C
COLOR, SAYBOLT		D156	6		6
LOVIBOND COLOR 2" CELL, RED		IP 17	0.20	2.00	0.30
LOVIBOND COLOR 2" CELL, YELLOW		IP 17	1.30	5.00	1.70
VISCOSITY @ 210°F	SUS	D2161			47.80
DROPPING POINT (°F)	°F	D3954	120.0	130.0	125.7
PENETRATION @ 77°F	dmm	D1321	90.0	115.0	98.0
CONGEALING POINT	°F	D938	115.0	125.0	119.0

Analysis Certified By: Sage Schaffner
Printed Name

Laboratory Technician
Title

Sage P Schaffner
Lab Signature/Loader

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