



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:	Jun 21, 2024
Product Code:	500816130433	Qty:	2,288 LB
Batch # :	2406190104		
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			30.2
POUNDS PER GALLON @ 60°F	lb/gal	D1250			7.292
APPEARANCE		VISUAL	B/C		B/C
COLOR, SAYBOLT		D156	6		7
LOVIBOND COLOR 2" CELL, RED		IP 17	0.20	2.00	0.40
LOVIBOND COLOR 2" CELL, YELLOW		IP 17	1.30	5.00	2.00
VISCOSITY @ 210°F	SUS	D2161			48.00
DROPPING POINT (°F)	°F	D3954	120.0	130.0	123.3
PENETRATION @ 77°F	dmm	D1321	90.0	115.0	98.0
CONGEALING POINT	°F	D938	115.0	125.0	120.0

Analysis Certified By :

Sage Schaffner
Printed Name

Laboratory Technician
Title

Sage Schaffner
Lab Signature/Loader

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