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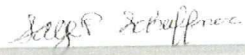
Certificate of Analysis

PO Number:	12621	Order Number:	1437176
Product:	TITANWAX PARANATURAL 57115 SLAB CARTON	Shipping Date:	Aug 20, 2024
Cust. Mat. No:	99380	Date of Mfg:	Nov 21, 2023
Product Code:	500913130433	Qty:	4,300 LB
Batch # :	2311162001		
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

<u>Test Description</u>	<u>Units</u>	<u>Method</u>	<u>Min.</u>	<u>Max.</u>	<u>Results</u>
API GRAVITY		D1298			31.70
POUNDS PER GALLON @ 60°F	lb/gal	D1250			7.230
APPEARANCE		VISUAL	B/C		B/C
COLOR, SAYBOLT		D156			4
LOVIBOND COLOR 2" CELL, RED		IP 17		2.00	0.80
LOVIBOND COLOR 2" CELL, YELLOW		IP 17		5.00	2.20
VISCOSITY @ 210°F	SUS	D2161			51.30
DROPPING POINT (°F)	°F	D3954	128.0	138.0	134.6
PENETRATION @ 77°F	dmm	D1321	90.0	110.0	100.0
CONGEALING POINT	°F	D938	110.0	125.0	117.0

Analysis Certified By :	Sage Schaffner	Laboratory Technician	
	Printed Name	Title	Lab Signature/Loader

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