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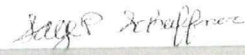
Certificate of Analysis

PO Number:	12621	Order Number:	1437176
Product:	TITANWAX PARABLEND 5342, SLAB, CARTON	Shipping Date:	Aug 20, 2024
Cust. Mat. No:	99382	Date of Mfg:	Nov 2, 2023
Product Code:	500917130433	Qty:	4,070 LB
Batch #:	2310304003		
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
APPEARANCE		VISUAL	B/C		BRIGHT & CLEAR
PENETRATION @ 77°F	dmm	D1321	27.0	57.0	42.0
DROPPING POINT (°F)	°F	D3954	122.0	132.0	126.3
CONGEALING POINT	°F	D938	110.0	130.0	120.0
VISCOSITY @ 210°F	SUS	D2161			38.0
COLOR, SAYBOLT		D156	20		27
API GRAVITY		D1298			41.3
POUNDS PER GALLON @ 60°F	lb/gal	D1250			6.829

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

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