



2780 Waterfront Pkwy E. , Indianapolis IN 46214

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

### Certificate of Analysis

PO Number: 12416  
Product: TITANWAX NATURAL 5230, CARTON  
Cust. Mat. No: 99367  
Product Code: 500500130433  
Batch #: 2306194004  
Carrier: 0060001343-A CUSTOMER TRUCK

Order Number: 1365907  
Shipping Date: Feb 27, 2024  
Date of Mfg: Jun 22, 2023  
Qty: 4,608 LB

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			23.0
POUNDS PER GALLON @ 60°F	lb/gal	D1250			7.634
APPEARANCE		VISUAL	B/C		BRIGHT & CLEAR
VISCOSITY @ 210°F	cSt	D445/D2161			57.90
DROPPING POINT (°F)	°F	D3954	122.0	130.0	127.0
PENETRATION @ 77°F	dmm	D1321	40.0	70.0	59.0
CONGEALING POINT	°F	D938	96.0	122.0	114.0

Analysis Certified By: Jim Neal Wax Blends Product and Business Manager  
Printed Name Title Lab Signature/Loader

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