Project No.: 16335

wood.

Attn: Rishi Adhikari, P.Eng.

To: Alberta Transportation
Technical Standards Branch
2nd Floor, Twin Atria Building
4999 - 98 Ave

Edmonton, AB T6B 2X3

Distribution Addressee: Wood Environment & Infrastructure Solutions

5671 - 70 Street

Edmonton, AB

Canada T6B 3P6

Tel +1 (780) 436-2152

Fax +1 (780) 377-3599

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rmulation:	Supplier:			OZARK	[
e WB 17251		Tests R	equired					ii ii
Batch	Relative	Viscosity	Non-	Pigment	Dry to	Date	Date	Applicator and Location
Number	Density		Volatile	Content	Touch	Sampled	Received	
			Content					
2022	(25/25°C)	(Krebs)	(%)	(%)	(Minutes)	2022	2022	
011022WM003	1.658	81.2	75.4	57.9	3.0	Jun-2	Jun-13	Volker Stevin Fort Macleod
	Toleranc	e Limits						
17251	1.659	82	76.1	62.8				
rance Limits			± 2%	± 2%				
	± 0.05	± 5	absolute	absolute				
pper Limit	1.709	87	78.1	64.8				
ower Limit	1.609	77	74.1	60.8				
	Batch Number 2022 011022WM003 17251 rance Limits	Batch Number Density 2022 (25/25°C) 011022WM003 1.658 17251 1.659 rance Limits ± 0.05 pper Limit 1.709	Batch Number Pensity P	Tests Required Relative Viscosity Non-Volatile Content (%)	Tests Required Pigment Content Content	Tests Required Pigment Dry to Number Density Volatile Content Content	Tests Required Tests Required Tests Required Tests Required Touch Date Touch Sampled Content Con	Tests Required Tests Required Pigment Dry to Date Received Number Density Volatile Content Con

* Indicates result outside tolerance limits.

Test not Required by AT

PER:

21-Jun-22

DATE

Reviewed By:

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Project No.: 16450

wood.

Attn: Rishi Adhikari, P.Eng.

To: Alberta Transportation
Technical Standards Branch
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Fo	rmulation:	Su	ipplier:		OZARK	<u> </u>			
Whit	e WB 17251		Tests R	equired					
Lab	Batch	Relative	Viscosity	Non-	Pigment	Dry to	Date	Date	Applicator and Location
Sample	Number	Density		Volatile	Content	Touch	Sampled	Received	
Number		l i		Content					
	2022	(25/25°C)	(Krebs)	(%)	(%)	(Minutes)	2022	2022	
B17	011822WM0009	1.592*	81.0	75.5	61.7	3.5	Jun-30	Jul-5	ACP Con# 21920 Hwy 16: 24
			Toleranc	e Limits					
2020	17251	1.643	84.3	76.7	61.6				
Tole	erance Limits			± 2%	± 2%				
		± 0.05	± 5	absolute	absolute				
U	Ipper Limit	1.693	89.3	76.7	63.6				
L	ower Limit	1.593	79.4	74.3	59.6				

- 1	
1	18-Jul-22
	DATE
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	W J

Project No.: 16335

wood.

Attn: Rishi Adhikari, P.Eng.

To: Alberta Transportation
Technical Standards Branch
2nd Floor, Twin Atria Building
4999 - 98 Ave
Edmonton, AB T6B 2X3

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Fax +1 (780) 377-3599

Fo	rmulation:	St	upplier:		OZARK				
Whit	e WB 17251		Tests R	equired					
Lab	Batch	Relative	Viscosity	Non-	Pigment	Dry to	Date	Date	Applicator and Location
Sample	Number	Density		Volatile	Content	Touch	Sampled	Received	
Number				Content					
B21	021422WM0022	1.633	81.3	75.7	61.9	3.1	Jun-22	Jul-6	Volker Stevin Carston
			Toleranc	e Limits	No.		5.50		
2021	17251	1.659	82	76.1	62.8			_	
Tole	erance Limits			± 2%	± 2%				
		± 0.05	± 5	absolute	absolute				
U	pper Limit	1.709	87	78.1	64.8				
L	ower Limit	1.609	77	74.1	60.8				

* Indicates result outside tolerance limits.

Test not Required by AT

PER:

A 21-Jun-22

DATE

Reviewed By:

Project No.: 16335

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To: Alberta Transportation
Technical Standards Branch
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Fo	rmulation:	Su	ipplier:		OZARK				
Whit	e WB 17251		Tests R	equired					_
Lab	Batch	Relative	Viscosity	Non-	Pigment	Dry to	Date	Date	Applicator and Location
Sample	Number	Density		Volatile	Content	Touch	Sampled	Received	
Number	2022			Content		(Minutes)	2022	2022	
B35	031221WM0069	1.610	80.4	77.3	63.7	2.9	N/A	Jul-14	AAA Striping Hwy 680 : 02
			Toleranc	e Limits	•				
2021	17251	1.659	82	76.1	62.8				
Tole	erance Limits			± 2%	± 2%				
		± 0.05	± 5	absolute	absolute				
U	pper Limit	1.709	87	78.1	64.8	i e			
L	ower Limit	1.609	77	74.1	60.8				

* Indicates result outside tolerance	e limits.	To I		
Test not Required by AT		11	6	-
	PER:		-	26-Jul-22
		VY		DATE
	Reviewed By:	640 CM	1	
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Fo	rmulation:	Sı	ipplier:		OZARK				
Whit	e WB 17251		Tests Re	equired					
Lab	Batch	Relative	Viscosity	Non-	Pigment	Dry to	Date	Date	Applicator and Location
Sample	Number	Density		Volatile	Content	Touch	Sampled	Received	
Number	2022			Content		(Minutes)	2022	2022	
B37	021522WM0024	1.645	82.8	75.7	61.9	3.1	Jun-27	Jul-18	Volker Stevin Hwy 61, 04/ 61, 06/ 839 :04 / 839: 12 Foremost, AB CMA24
			Toleranc	e Limits		oX			
2021	17251	1.659	82	76.1	62.8				
Tole	erance Limits			± 2%	± 2%				
		± 0.05	± 5	absolute	absolute				
U	Ipper Limit	1.709	87	78.1	64.8				
L	ower Limit	1.609	77	74.1	60.8				

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Test not Required by AT

PER:

15-Aug-22 DATE

Reviewed By:

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Technical Standards Branch
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Fo	rmulation:	Su	ıpplier:		OZARK				
Whit	te WB 17251	Tests Required							
Lab	Batch	Relative	Viscosity	Non-	Pigment	Dry to	Date	Date	Applicator and Location
Sample	Number	Density		Volatile	Content	Touch	Sampled	Received	
Number	2022			Content		(Minutes)	2022	2022	
B47	011822WM0009	1.628	78.2	74.6	61.1	3.3	Jul-19	Jul-28	Lafrentz Hwy 737 CMA 4 East jesse Kasouf 780-618-1685
B51	052722WM0237	1.678	81.2	75.6	61.7	3.1	Jul-28	Jul-29	Lafrentz Hwy 15: 03/04
			Toleranc	e Limits					
2021	17251	1.659	82	76.1	62.8				
Tole	erance Limits			± 2%	± 2%				
		± 0.05	± 5	absolute	absolute				
L	pper Limit	1.709	87	78.1	64.8				
L	ower Limit	1.609	77	74.1	60.8				

* Indicates result outside tolerance limits.				
Test not Required by AT		11/		
PER:		14	~	23-Aug-22
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Re	viewed By:	001	X	
	-		<i>A</i> · · ·	

Project No.: 16450

wood.

Attn: Rishi Adhikari, P.Eng.

To: Alberta Transportation
Technical Standards Branch
2nd Floor, Twin Atria Building
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Fo	rmulation:	Su	ipplier:		OZARK				
Whit	e WB 17251	Tests Required							
Lab	Batch	Relative	Viscosity	Non-	Pigment	Dry to	Date	Date	Applicator and Location
Sample	Number	Density		Volatile	Content	Touch	Sampled	Received	
Number				Content					
	2022	(25/25°C)	(Krebs)	(%)	(%)	(Minutes)	2022	2022	
B53	110221WM0437	1.614	78.5	75.5	61.9	3.2	Aug-3	Aug-5	Hwy 845 : 02 Con# 19871
			Toleranc	e Limits					
2020	17251	1.643	84.3	76.7	61.6				
Tole	erance Limits			± 2%	± 2%				
		± 0.05	± 5	absolute	absolute				
U	pper Limit	1.693	89.3	76.7	63.6				
L Lo	ower Limit	1.593	79.4	74.3	59.6				

* Indicates result outside tolerance limits.

Test not Required by AT

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Reviewed By:

Project No.: 16335

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Technical Standards Branch
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Fo	rmulation:	Sı	ipplier:		OZARK				
Whit	e WB 17251		Tests R	equired					
Lab	Batch	Relative	Viscosity	Non-	Pigment	Dry to	Date	Date	Applicator and Location
Sample	Number	Density		Volatile	Content	Touch	Sampled	Received	
Number	2022			Content		(Minutes)	2022	2022	
B55	052322YM0233	1.611	81.2	76.1	61.3	3.1	Aug-11	Aug-10	Volker Stevin Hwy 36: 02 Taber, AB
			Toleranc	e Limits					
2021	17251	1.659	82	76.1	62.8				HE HANDER CONTROL OF THE STATE
Tole	erance Limits			± 2%	± 2%				
		± 0.05	± 5	absolute	absolute				
U	pper Limit	1.709	87	78.1	64.8				
L	ower Limit	1.609	77	74.1	60.8				

* Indicates result outside tolerar Test not Required by AT	nce limits.	. 1	
	PER:	11	30-Aug-22
	Reviewed By:	W S.	DATE

Project No.: 16335

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To: Alberta Transportation
Technical Standards Branch
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Distribution Addressee: Wood Environment & Infrastructure Solutions

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Fo	rmulation:	Su	ipplier:		OZARK				
Whit	e WB 17251	Tests Required		equired					
Lab	Batch	Relative	Viscosity	Non-	Pigment	Dry to	Date	Date	Applicator and Location
Sample	Number	Density		Volatile	Content	Touch	Sampled	Received	
Number	2022			Content		(Minutes)	2022	2022	
B67	052622WM0236	1.663	78.8	75.5	61.7	3.3	Aug-25	Aug-30	Emcon Hwy 28: 10 Km 14; CMA7 Sampler Athur Kavulok 780-675-2780
B73	052722WM0238	1.641	80.1	75.7	61.9	2.8	Aug-24	Aug-30	Taber , AB CMA 24
			Tolerance Limits						
2021	17251	1.659	82	76.1	62.8				
Tole	erance Limits			± 2%	± 2%				
		± 0.05	± 5	absolute	absolute				
U	pper Limit	1.709	87	78.1	64.8				
L	ower Limit	1.609	77	74.1	60.8				

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Test not Required by AT

PER:

12-Sep-22 DATE

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Attn: Rishi Adhikari, P.Eng.

To: Alberta Transportation
Technical Standards Branch
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rmulation:	Su	ipplier:		OZARK	<u> </u>			
e WB 17251		Tests Re	equired					
Batch	Relative	Viscosity	Non-	Pigment	Dry to	Date	Date	Applicator and Location
Number	Density		Volatile	Content	Touch	Sampled	Received	
			Content					
2022	(25/25°C)	(Krebs)	(%)	(%)	(Minutes)	2022	2022	
110221WM0435	1.638	81.5	75.9	62.1	3.4	Aug-26	Aug-30	Emcon Hwy 881 : 10 Km 11 : 09
110421WM0443	1.631	78.0*	77.5	61.3	2.7	Aug-26	Sep-2	Emcon Hwy 27:08 east of Hwy 21 Hanna Alberta.,
		Toleranc	e Limits					
17251	1.643	84.3	76.7	61.6				
erance Limits			± 2%	± 2%				
	± 0.05	± 5	absolute	absolute				
pper Limit	1.693	89.3	76.7	63.6				
Lower Limit		79.4	74.3	59.6				
	Batch Number 2022 110221WM0435 110421WM0443 17251 erance Limits pper Limit	Batch Number Density 2022 (25/25°C) 110221WM0435 1.638 110421WM0443 1.631 17251 1.643 Prance Limits ± 0.05 pper Limit 1.693	Tests Remark Batch Number Relative Density Viscosity 2022 (25/25°C) (Krebs) 110221WM0435 1.638 81.5 110421WM0443 1.631 78.0* Tolerance 17251 1.643 84.3 erance Limits ± 0.05 ± 5 pper Limit 1.693 89.3	Tests Required Non-Volatile Content	Tests Required Pigment Content Content	Tests Required Batch Relative Density Density Viscosity Non- Volatile Content Content Content (%) (Minutes)	Tests Required Tests Required Tests Required Tests Required Touch Date Date Touch Content Conten	Tests Required Batch Number Density Viscosity Non- Volatile Content C

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Test not Required by AT

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DATE

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Project No.: 16450

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To: Alberta Transportation
Technical Standards Branch
2nd Floor, Twin Atria Building
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Fo	rmulation:	Sı	ipplier:		OZARK	<u> </u>			
Whit	te WB 17251		Tests R	equired					
Lab	Batch	Relative	Viscosity	Non-	Pigment	Dry to	Date	Date	Applicator and Location
Sample	Number	Density		Volatile	Content	Touch	Sampled	Received	
Number				Content					
	2022	(25/25°C)	(Krebs)	(%)	(%)	(Minutes)	2022	2022	
B83	110321WM0441	1.650	80.2	76.0	62.2	2.7	Sep-8	Sep-8	Emcon Vermilion Sampler Dipesh Pokhrel 780-581-5172
			Toleranc	e Limits					
2020	17251	1.643	84.3	76.7	61.6				
Tole	erance L mits			± 2%	± 2%				
		± 0.05	± 5	absolute	absolute				
U	Jpper Limit	1.693	89.3	76.7	63.6				
L	Lower Limit 1		79.4	74.3	59.6				
<u> </u>	Lower Limit 1.593 79.4 74.3			/4.3	59.6				

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Test not Required by AT

PER:

19-Sep-22

DATE

Reviewed By:

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Project No.: 16335

nsp

Attn: Rishi Adhikari, P.Eng.

To: Alberta Transportation
Technical Standards Branch
2rd Floor, Twin Atria Building
4999 - 98 Ave
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Distribution Addressee: WSP E&I Canada Limited
5671 - 70 Street
Edmonton, AB
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Fo	rmulation:	Sı	applier:		OZARK				
Whit	e WB 17251		Tests Re	equired					
Lab	Batch	Relative	Viscosity	Non-	Pigment	Dry to	Date	Date	Applicator and Location
Sample	Number	Density		Volatile	Content	Touch	Sampled	Received	
Number	2022			Content		(Minutes)	2022	2022	
B85	052022WM0213	1.601	82.5	75.9	62.0	3.1	Aug-24	Sep-9	Lafrentz Hwy 2A : 12
			Toleranc	e Limits					
2021	17251	1.659	82	76.1	62.8				
Tole	erance Limits			± 2%	± 2%				
		± 0.05	± 5	absolute	absolute				
U	lpper Limit	1.709	87	78.1	64.8				
L	Lower Limit		77	74.1	60.8				

Test not Required by AT	imits.	. / 1	12	
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	PER:	1111		26-Sep-22
		1 / / /	d	DATE
	Reviewed By:	VV	a	
			()	

Project No.: 16450

Attn: Rishi Adhikari, P.Eng.

To: Alperta Transportation **Technical Standards Branch** 2nd Floor, Twin Atria Building 4999 - 98 Ave Edmonton, AB T6B 2X3

Distribution Addressee: WSP E&I Canada Limited

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rmulation:	Su	ıpplier:		OZARK				
e WB 17251		Tests Re	equired					
Batch	Relative	Viscosity	Non-	Pigment	Dry to	Date	Date	Applicator and Location
Number	Density		Volatile	Content	Touch	Sampled	Received	
			Content					
2022	(25/25°C)	(Krebs)	(%)	(%)	(Minutes)	2022	2022	
110221WM0437	1.667	81.5	75.8	62	2.8	Sep-9	Sep-16	Emcon Drumheller Wo#021-1495 Hwy 837
110221WM0435	1.609	78.2	74.9	61.4	2.9	Sep-14	Sep-16	Emcon Hwy 855 : 04
		Toleranc	e Limits					
17251	1.643	84.3	76.7	61.6				
rance Limits			± 2%	± 2%				
		± 5	absolute	absolute				
pper Limit	1.693	89.3	76.7	63.6				
Lower Limit 1.59		79.4	74.3	59.6				
	Batch Number 2022 110221WM0437 110221WM0435 17251 rance Limits	Batch Number Density 2022 (25/25°C) 110221WM0437 1.667 110221WM0435 1.609 17251 1.643 rance Limits \$\pmu\$ 0.05 1.693	### Tests Realize	Tests Required Non-Volatile Content	Tests Required Batch Number Density Viscosity Non-Volatile Content 2022 (25/25°C) (Krebs) (%) (%) 110221WM0437 1.667 81.5 75.8 62 110221WM0435 1.609 78.2 74.9 61.4 Tolerance Limits 17251 1.643 84.3 76.7 61.6 rance Limits ± 0.05 ± 5 absolute absolute oper Limit 1.693 89.3 76.7 63.6	Tests Required Batch Relative Viscosity Non- Volatile Content Content	Tests Required Pigment Dry to Date Number Density Viscosity Non- Volatile Content Co	Tests Required Tests Required Touch Date Date Received Received Touch Sampled Received Received Received Touch Sampled Received Received Received Touch Sampled Received Received Touch Sampled Received Received Touch Sampled Touch Sampled Touch Touch Sampled Touch Touch Sampled Touch Touch Sampled Touch Touch

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26-Sep-22 DATE

Reviewed By:

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Fo	rmulation:	Sı	ipplier:		OZARK				
Whit	e WB 17251	Tests Required							
Lab	Batch	Relative	Viscosity	Non-	Pigment	Dry to	Date	Date	Applicator and Location
Sample	Number	Density		Volatile	Content	Touch	Sampled	Received	
Number	2022			Content		(Minutes)	2022	2022	
B97	080122WM0329	1.613	80.0	75.9	62.0	3.3	Sep-15	Sep-20	Volker Stevin Lethbridge CMA 25
			Toleranc	e Limits					
2021	17251	1.659	82	76.1	62.8				
Tole	erance Limits			± 2%	± 2%				
		± 0.05	± 5	absolute	absolute				
L	lpper Limit	1.709	87	78.1	64.8				
L	Lower Limit		77	74.1	60.8				

Test not Required by AT	ce iimits.	111			
ummunuma .	PER:			6-Oct-22	
		VV	0	DATE	_
	Reviewed By:		R.		
	-				_

Project No.: 16335

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Attn: Rishi Adhikari, P.Eng.

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5671 - 70 Street Edmonton, AB

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Fo	rmulation:	Su	ipplier:		OZARK				
Whit	e WB 17251	Tests Required							
Lab	Batch	Relative	Viscosity	Non-	Pigment	Dry to	Date	Date	Applicator and Location
Sample	Number	Density		Volatile	Content	Touch	Sampled	Received	
Number	2022			Content		(Minutes)	2022	2022	
B105	080122WM0329	1.669	80.4	75.8	62.0	3.2	Sep-28	Oct-3	Volker Stevin Hwy 549:04
B107	080822WM0342	1.584*	80.8	75.8	61.9	3.4	Oct-3	Oct-4	Lafrentz Hwy 88:12 CMA 2 Sampler Jesse Kasour 780-618-1685
			Toleranc	e Limits					
2021	17251	1.659	82	76.1	62.8				
Tole	erance Limits			± 2%	± 2%				
		± 0.05	± 5	absolute	absolute				
U	pper Limit	1.709	87	78.1	64.8				
L	Lower Limit		77	74.1	60.8				

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17-Oct-22 DATE

Reviewed By:

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To: Alberta Transportation
Technical Standards Branch
2nd Floor, Twin Atria Building
4999 - 98 Ave
Edmonton, AB T6B 2X3

Distribution Addressee: WSP E&I Canada Limited

5671 - 70 Street

Edmonton, AB

Canada T6B 3P6

Tel +1 (780) 436-2152

Fax +1 (780) 377-3599

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Fo	rmulation:	Supplier:			OZARK				
Whit	te WB 17251		Tests Re	equired					
Lab	Batch	Relative	Viscosity	Non-	Pigment	Dry to	Date	Date	Applicator and Location
Sample	Number	Density		Volatile	Content	Touch	Sampled	Received	
Number	2022			Content		(Minutes)	2022	2022	
B115	011822WM009	1.611	78.0	75.0	61.4	3.2	Sep-13	Oct-7	Lafrentz Hwy 2:48/2:50 CMA 6 West Sampler by:Thomas Willier / Russell Romick
B119	040122WM0133	1.630	81.8	75.8	61.8	3.1	Oct-13	Oct-14	Emcon Hwy 870 : 02 Sampler by: Dwight Rewiga 780-608-5718
B121	030322WM0060	1.639	80.1	76.0	62.1	3.1	Oct-14	Oct-18	Emcon Hwy 18:10 Km 49:96 CMA10 Sampler by: Athur Kavulok 780-675-2780
			Tolerance	e Limits					
2021	17251	1.659	82	76.1	62.8				
Tole	erance Limits			± 2%	± 2%				
		± 0.05	± 5	absolute	absolute				
U	Jpper Limit	1.709	87	78.1	64.8				
L	Lower Limit		77	74.1	60.8				

* Indicates result outside tolerance limits.

Test not Required by AT

PER:

24-Oct-22 DATE

Reviewed By:

Project No.: 16335

1120

Attn: Rishi Adhikari, P.Eng.

To: Alberta Transportation
Technical Standards Branch
2nd Floor, Twin Atria Building
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Fo	rmulation:	Su	ipplier:		OZARK				
Whit	e WB 17251		Tests Re	equired					
Lab	Batch	Relative	Viscosity	Non-	Pigment	Dry to	Date	Date	Applicator and Location
Sample	Number	Density		Volatile	Content	Touch	Sampled	Received	
Number	2022			Content		(Minutes)	2022	2022	
B127	094122WM0396	1.626	81.1	75.6	61.7	3.3	Oct-5	Oct-21	Lafrentz Hwy 47 : 06 Con#22686 Sampler by Ali Joyo 403-369-3499
B129	080822WM0344	1.617	79.5	75.2	61.3	3.2	Oct-14	Oct-24	Lafrentz Hwy 986 : 02 CMA 2 Sampler by Jesse Kasouf 780-618-1685
B131	051922WM0211	1.636	81.2	75.8	61.9	3.2	Sep-26	Oct-24	Lafrentz Hwy 60
			Toleranc	e Limits		Ty.			
2021	17251	1.659	82	76.1	62.8				
Tole	erance Limits			± 2%	± 2%				
		± 0.05	± 5	absolute	absolute				
U	Upper Limit		87	78.1	64.8				
L	Lower Limit 1.609 77		74.1	60.8					

*	Indicates	result	outside	tolerance I	imits.
-					

Test not Required by AT

PER:

31-Oct-22

DATE

Reviewed By:

Project No.: 16335

Attn: Rishi Adhikari, P.Eng.

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Technical Standards Branch
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Formulation:		Supplier:		OZARK					
White WB 17251		Tests Re	equired						
Batch	Relative	Viscosity	Non-	Pigment	Dry to	Date	Date	Applicator and Location	
Number	Density		Volatile	Content	Touch	Sampled	Received		
2022			Content		(Minutes)	2022	2022		
091422WM0397	1.623	79.0	75.7	61.8	3.2	Oct-17	Nov-4	Lafrentz Hwy 49 -2A Intersection	
	Tolerance Limits								
17251	1.659	82	76.1	62.8					
rance Limits			± 2%	± 2%					
	± 0.05	± 5	absolute	absolute					
oper Limit	1.709	87	78.1	64.8					
ower Limit	1.609	77	74.1	60.8					
	Batch Number 2022 091422WM0397 17251 rance Limits	Batch Number 2022 091422WM0397 17251 17251 1.659 rance Limits ± 0.05 pper Limit 1.709	### Tests Relative Number 2022 ### Open Limit	Tests Required Non-Volatile Content	Tests Required Pigment Content Content	Tests Required Pigment Dry to Number Density Content Content	Tests Required Tests Required	Tests Required Tests Required Pigment Dry to Date Received Sampled Received 2022 2022 2022 2022 2024 2025 Received Received 2026 2026 2026 2026 Received 2027 2028 2028 Received 2028 Received 2028 2028 Received 2028 2028 Received 202	

* Indicates result outside tolerance limits.

Test not Required by AT

PER:

22-Nov-22 DATE

Reviewed By:

Reporting of these results constitutes a testing service only.

Engineering Interpretation or evaluation of the test results is provided only on written request.

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