Project No.: CT190308



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

Fo	rmulation:	Sı	ipplier:		ENNIS							
Yellow	WB EF-62-0035		Tests Re	equired								
Lab	Batch	Relative	Viscosity	Non-	Pigment	Dry to	Date	Date	Applicator and Location			
Sample	Number	Density		Volatile	Content	Touch	Received	Received	d			
Number	2020	(25/25°C)	(Krebs)	Content (%)	(%)		2021	2021				
B4	CPP2007Y0881	1.510*	78.6	78.9	59.6	3.1	May-13	May-5	Line King Hwy 550 : 02 Contract Number 21040			
		E. L	Toleranc	e Limits	1 1		- SEX - 7	COMMITTEE OF THE PARTY OF THE P				
2019	EF-62-0035	1.636	78.2	78.0	59.2							
Tole	erance Limits			± 2%	± 2%							
		± 0.05	± 5	absolute	absolute							
L	Jpper Limit	1.686	83.2	80.0	61.2							
L	ower Limit	1.586	73.2	76.0	57.2							

Not:

* Indicates result outside tolerance limits.

Test not Required by AT

PER:

25-May-21 DATE

Reviewed By:

Reporting of these results constitutes a testing service only.

Project No.: CT190308



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Fo	rmulation:	Su	ipplier:		ENNIS				
Yellow	WB EF-62-0035		Tests Re	equired			14		
Lab	Batch	Relative	Viscosity	Non-	Pigment	Dry to	Date	Date	Applicator and Location
Sample	Number	Density		Volatile	Content	Touch	Received	Received	
Number	2020	(25/25°C)	(Krebs)	Content (%)	(%)		2021	2021	
B5	CPP2007Y0881	1.510*	78.4	78.9	59.6	3.2	May-20	May-18	AECOM Transportation/ West Ltd Hwy 2:06 Contract Number 20468
			Toleranc	e Limits	-11-77 III				
2019	EF-62-0035	1.636	78.2	78.0	59.2		W.A.		
Tole	erance Limits			± 2%	± 2%				
		± 0.05	± 5	absolute	absolute				
L	Jpper Limit	1.686	83.2	80.0	61.2				
L	ower Limit	1.586	73.2	76.0	57.2				

Not:

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Test not Required by AT

PER:

1-Jun-21 DATE

Reviewed By:

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Project No.: EA16450



Attn: Rishi Adhikari, P.Eng.

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

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5671 - 70 Street

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Fax +1 (780) 377-3599

Fo	rmulation:	Su	ipplier:		ENNIS				
Yellow	Yellow WB EF-62-0035		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	2021	(25/25°C)	(Krebs)	Content (%)	(%)		2021	2021	
B7	CPP2103Y0124	1.581	80.2	79.3	59.9	3.0	May-19	May-27	Lahrmann/ Line West Hwy 582: 02Contract Number 19075
			Toleranc	e Limits	TARCH				
2020	EF-62-0035	1.611	80.1	77.6	58.8				
Tole	erance Limits			± 2%	± 2%				
		± 0.05	± 5	absolute	absolute				
U	pper Limit	1.661	85.1	79.6	60.8				
L	ower Limit	1.561	75.1	75.6	56.8				

* Indicates result outside tolerance limits. Test not Required by AT	. 1		
PER:		-51	18-Jun-21
	VV	1	DATE
Review	ved By:	1	

Project No.: EA16450



Attn: Rishi Adhikari, P.Eng.

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Fo	rmulation:	St	upplier:		ENNIS				
Yellow	WB EF-62-0035		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	2020	(25/25°C)	(Krebs)	Content (%)	(%)		2021	2021	
В9	CPP2009Y1269	1.570*	77.2	79.0	59.7	3.1	May-27	Jun-18	AAA Stripping Line Painting North Hwy 13 To Hwy 2: 30 To JCT Hwy 39
B11	CPP2007Y0881	1.654	78.6	79.0	59.6	2.8	May-28	Jun-1	Line King Hwy 9:02 / 04
			Toleranc	e Limits					
2019	EF-62-0035	1.636	78.2	78.0	59.2				
Tole	erance Limits			± 2%	± 2%				
		± 0.05	± 5	absolute	absolute				
ι	Jpper Limit	1.686	83.2	80.0	61.2				
L	ower Limit	1.586	73.2	76.0	57.2				
•			•		ŀ		* Indicates	result outs	ide tolerance limits.
Not:							Test not F	Required b	y AT

NOT:		

PER:	IH	18-Jun-21
Reviewed By:	Á	DATE

Project No.: EA16450

wood.

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Fo	rmulation:	Sı	upplier:		ENNIS				
Yellow	WB EF-62-0035		Tests R	equired					
Lab Sample Number	Batch Number 2021	Relative Density (25/25°C)	Viscosity	Volatile Content	Pigment Content	Dry to Touch	Date Sampled	Date Received	Applicator and Location
B13	CPP2104Y0274	1.524*	(Krebs) 80.1	(%) 78.6	(%)		2021	2021	
2.0	0.1210110214	1.024	50.1	70.0	59.5	Jan-10	Jun-10	Jun-8	Aecon Hwy 22:12 Contract Number 20734
			Toleranc	e Limits	121713		15-11-1	7.7.7	
2020	EF-62-0035	1.611	80.1	77.6	58.8				14.1.1.11.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1
Tole	erance Limits	± 0.05	± 5	± 2% absolute	± 2% absolute				
U	pper Limit	1.661	85.1	79.6	60.8				
L	ower Limit	1.561	75.1	75.6	56.8				

Indicates result outside tolerance Test not Required by AT	e limits.	111 -0	
oost, contratation (1994) 149	PER:	Hand	29-Jun-21
	Reviewed By:	00 -	DATE

Project No.: EA16450

wood.

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Technical Standards Branch
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Fo	rmulation:	Sı	applier:		ENNIS				
Yellow	Yellow WB EF-62-0035		Tests R	equired					
Lab Sample	Batch Number	Relative Density	Viscosity	Non- Volatile	Pigment Content	Dry to Touch	Date Sampled	Date Received	Applicator and Location
Number	2020	(25/25°C)	(Krebs)	Content (%)	(%)	rouch	2021	2021	
B15	CPP2008Y1208	1.603	81.6	79.6	60.4	3.2	Jun-8		Aecon Hwy 22:12 Contract Number 20733
B21	CPP2009Y1365	1.610	74.5	78.4	59.5	3.2	Jun-16		LaFrentz Hwy 63: 08 Sampled By Ali Joyo 403-369-3499
B23	CPP2008Y1174	1.588	78.0	78.9	60.0	2.6	Jun-16		LaFrentz Hwy 63: 08 Sampled By Ali Joyo 403-369-3499
			Toleranc	e Limits		7, 1013		7.3	VIVEL DE L'ATERINE DE L'ATERIN
2019	EF-62-0035	1.636	78.2	78.0	59.2				THE THE THE TAX STREET STREET
Tole	erance Limits			± 2%	± 2%				
		± 0.05	± 5	absolute					
Ü	pper Limit	1.686	83.2	80.0	61.2				
Lo	ower Limit	1.586	73.2	76.0	57.2				

Not:

* Indicates result outside tolerance limits.

Test not Required by AT

PER:

Fax +1 (780) 377-3599

29-Jun-21

Reviewed By:

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Project No.: EA16450

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5671 - 70 Street

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Tel +1 (780) 436-2152

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rmulation:	Su	applier:		ENNIS				
WB EF-62-0035		Tests Re	equired					
Batch	Relative	Viscosity	Non-	Pigment	Dry to	Date	Date	Applicator and Location
Number	Density		Volatile	Content	Touch	Sampled	Received	
2020	(25/25°C)	(Krebs)	Content (%)	(%)		2021	2021	
CPP2009Y1269	1.546*	78.4	79.1	60.3	3.1	May-30	Jun-16	AAA Stripping Line Painting Hwy 616 :02Contract Number: 19455
CPP2009Y1365	1.578	74.4	78.4	59.5	3.0	Jun-9	Jun-16	LaFrentz Hwy 55: 18
CPP2008Y1174	1.596	79.3	78.5	59.7	2.9	Jun-11	Jun-22	LaFrentz Hwy 63 :00 Contract Number: 20774
		Toleranc	e Limits	Bus Walter	a 21 T	Č.		
EF-62-0035	1.636	78.2	78.0	59.2				
erance Limits			± 2%	± 2%				
	± 0.05	± 5	absolute	absolute				
pper Limit	1.686	83.2	80.0	61.2				
ower Limit	1.586	73.2	76.0	57.2				
	Number 2020 CPP2009Y1269 CPP2009Y1365 CPP2008Y1174	Batch Relative Density 2020 (25/25°C) CPP2009Y1269 1.546* CPP2009Y1365 1.578 CPP2008Y1174 1.596 EF-62-0035 1.636 erance Limits ± 0.05 Ipper Limit 1.686	WB EF-62-0035 Tests R Batch Number Relative Density Viscosity 2020 (25/25°C) (Krebs) CPP2009Y1269 1.546* 78.4 CPP2009Y1365 1.578 74.4 CPP2008Y1174 1.596 79.3 Tolerance EF-62-0035 1.636 78.2 Parance Limits ± 0.05 ± 5 Upper Limit 1.686 83.2	Tests Required Number Relative Viscosity Non-Volatile Content (%)	Tests Required Pigment Content Content	Tests Required Pigment Dry to Volatile Content Content	Tests Required Pigment Dry to Date Sampled	Tests Required Tests Required Pigment Dry to Date Date Received Number Density Volatile Content Conten

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Fo	ormulation:	Sı	ipplier:		ENNIS				
Yellow	WB EF-62-0035		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	2021	(25/25°C)	(Krebs)	Content (%)	(%)		2021	2021	
B31	CPP2105Y0343	1.643	77.8	78.3	59.3	3.1	Jun-14		Ledcor Hwy 16 - Edson Sampled By D Farr 780-712-3372
B35	CPP2106Y0344	1.537*	74.0*	78.2	59.1	3.3	Jun-21		LaFrentz Hwy 63 :12 Contract Number: 20774
			Toleranc	e Limits	N.a.	Sardin John	* / W	Tuest No. 7	
2020	EF-62-0035	1.611	80.1	77.6	58.8		***************************************		
Tole	erance Limits			± 2%	± 2%				
		± 0.05	±5	absolute	absolute				
U	Jpper Limit	1.661	85.1	79.6	60.8				
L	ower Limit	1.561	75.1	75.6	56.8				
	ower Limit	1.561	75.1	75.6	56.8		1		Marketon and Park

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Fax +1 (780) 377-3599

Fo	rmulation:	Su	ipplier:		ENNIS				
Yellow	WB EF-62-0035		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	2021	(25/25°C)	(Krebs)	Content (%)	(%)		2021	2021	
B37	CPP2103Y0124	1.609	77.2	78.4	58.9	3.1	Jun-12	Jun-25	Line West Ltd Hwy 9 Contract Number: 21342
B39	CPP2103Y0124	1.570	75.6	78.5	60.1	2.9	Jul-5	Jul-7	Line West Ltd Hwy 28 & 831 Jct Hwy 28:06 to Hwy 831:06 & 08
B43	B43 CPP2106Y0344		69.5*	78.3	58.1	3.3	Jun-30	Jul-13	LaFrentz Hwy 881 Hardisty Sampler Mike Nesbitt 403-304-4556
B49	CPP2105Y0343	1.628	79.5	78.6	59.4	3.0	Jul-14	Jul-14	Emcon, Vermillion, AB CMA 15 Sampler Derrick Wilson (AT) 780-853-8269
B53	CPP2106Y0344	1.569	79.3	79.3	60.0	3.2	Jul-10	Jul-16	AECOM Transportation West Ltd Hwy 22 : 10 Contract Number 21002
		· and it	Tolerance	e Limits	er int	J-1	17.5		
2020	EF-62-0035	1.611	80.1	77.6	58.8				
Tole	erance Limits			± 2%	± 2%				
		± 0.05	± 5	absolute	absolute				
L	pper Limit	1.661	85.1	79.6	60.8				
L	ower Limit	1.561	75.1	75.6	56.8				

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Test not Required by AT

PER:

27-Jul-21 DATE

Reviewed By:

Project No.: EA16450



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Technical Standards Branch
2nd Floor, Twin Atria Building

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Fo	rmulation:	Su	ipplier:		ENNIS							
Yellow	Yellow WB EF-62-0035		Tests R	equired								
Lab	Batch	Relative	Viscosity	Non-	Pigment	Dry to	Date	Date	Applicator and Location			
Sample	Sample Number Density		Volatile	Content	Touch	Sampled	Received					
Number	2020	(25/25°C)	(Krebs)	Content (%)	(%)		2021	2021				
B41	CPP2008Y1045	1.642	74.6	78.7	58.8	2.9	Jul-6	Jul-9	EMCON Hwy 55:10 CMA 10, Arthur Kavulok Phone: 780-675-2780			
		Louis Gall	Toleranc	e Limits		100	_12200	- A E	The state of the s			
2019	EF-62-0035	1.636	78.2	78.0	59.2							
Tole	erance Limits			± 2%	± 2%							
			± 5	absolute	absolute							
U	Jpper Limit	1.686	83.2	80.0	61.2							
L	ower Limit	1.586	73.2	76.0	57.2							

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27-Jul-21 DATE

Reviewed By:

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Project No.: EA16450

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Fo	Formulation:		Supplier:						
Yellow	WB EF-62-0035	Tests Required							
Lab	Batch	Relative	Viscosity	Non-	Pigment	Dry to	Date	Date	Applicator and Location
Sample	Number	Density Volatil		Volatile	Content	Touch	Sampled	Received	
Number	2021	(25/25°C)	(Krebs)	Content (%)	(%)		2021	2021	
B55	CPP2106Y0344	1.597	78.8	78.8	59.8	3.3	Jul-13	Jul-21	Hwy 2:18 Contract Number 21249
B57	CPP2106Y0344 1.609 78.2 78.8		59.8	2.8	Jul-21	Jul-1	LaFrentz Hwy 40 : 38/40 Contract Number 18341		
B59	B59 CPP2106Y0625 1.6		81.3	78.4	60.3	3.1	Jul-19	Jul-21	Border Paving Hwy 26:10 Camrose to Hwy 834: 02 Contract Number 12471
B64	CPP2104Y0274	1.595	79.7	78.8	59.8	3.3	Jul-24	Jul-28	Line West Ltd Hwy 743 : 02, Hwy 2: 62 & Hwy 740 : 02
B66	CPP2104Y0274	1.572	81.7	79.2	60.0	2.9	Jul-28	Jul-28	Line King Hwy 570:02 CON775810
			Toleranc	e Limits	AP., 6			ardis all	
2020	EF-62-0035	1.611	80.1	77.6	58.8				
Tole	erance Limits			± 2%	± 2%				
		± 0.05	± 5	absolute	absolute				
U	pper Limit	1.661	85.1	79.6	60.8				
L	ower Limit	1.561	75.1	75.6	56.8				

*	Indicates	result	outside	tolerance	limits.
mm					

Test not Required by AT

PER:

10-Aug-21 DATE

Reviewed By:

Project No.: EA16450



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Technical Standards Branch
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Fo	rmulation:	Su	ıpplier:		ENNIS				
Yellow	WB EF-62-0035	Tests Required							
Lab	Batch	Relative	Viscosity	Non-	Pigment	Dry to	Date	Date	Applicator and Location
Sample	Number	Density		Volatile	Content	Touch	Sampled	Received	
Number 2021		(25/25°C)	(Krebs)	Content (%)	(%)		2021	2021	
B68	CPP2104Y0274	1.563	81.2	78.8	59.9	2.8	Jul-29	Aug-4	AECON Hwy 8: 06 Contract Number 21314
B70	B70 CPP2104Y0274		80.8	78.6	59.6	3.3	Jul-27	Aug-4	Ledcor Hwy 584: 02 Contract Number 20031
B72	372 CPP2107Y0664 1.636 74.2* 78.8		78.8	59.7	3.1	Aug-5	Aug-6	Ledcor Hwy 40 : 32 Sampled By D Farr 780-712-3372	
		Maria Va	Toleranc	e Limits	무 이상				
2020	EF-62-0035	1.611	80.1	77.6	58.8				
Tole	erance Limits			± 2%	± 2%				
			± 5	absolute	absolute				
L	Jpper Limit	1.661	85.1	79.6	60.8				
L	ower Limit	1.561	75.1	75.6	56.8				

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Fo	Formulation:		Supplier:						
Yellow	WB EF-62-0035	Tests Required							
Lab	Batch	Relative	Viscosity	Non-	Pigment	Dry to	Date	Date	Applicator and Location
Sample	Number	Density Volatile		Volatile	Content	Touch	Sampled	Received	
Number	2021	(25/25°C)	(Krebs)	Content (%)	(%)		2021	2021	
B78	CPP2107Y0735	1.556*	75.4	77.8	59.3		Aug-13	Aug-16	LaFrentz Hwy 776 Contract Number :19805 Sampler Siman Stuehler 780-719-5547
B80	B80 CPP2107Y0735 1.644 76.6 78.1		78.1	59.3		Aug-13	Aug-16	LaFrentz Hwy 37 : 02 to 04 From Hwy 44 to Hwy 2	
B82	B82 CPP2107Y0664		78.0	78.8	59.9		Aug-11	Aug-18	Line King Hwy 201: 02 and 08 Contract Number: 21249
B84	CPP2107Y0664	1.561	78.4	78.6	59.9		Jul-8	Aug-18	Ledcor /Line King Hwy 584 : 02 Contract Number : 20031
B86	CPP2106Y0344	1.570	78.6	78.9	60.0		Jul-19	Aug-19	Line King West Calgary Ring Road Hwy 1 and Hwy 201 CON0020376
			Toleranc	e Limits			(15) Se		
2020	EF-62-0035	1.611	80.1	77.6	58.8				
Tole	erance Limits			± 2%	± 2%				
			± 5	absolute	absolute				
L L	Jpper Limit	1.661	85.1	79.6	60.8				
L	ower Limit	1.561	75.1	75.6	56.8				

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Test not Required by AT	
PER:	24-Aug-21
	DATE
Reviewed By:	
-	

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Tel +1 (780) 436-2152

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Fo	ormulation:	Supplier:			ENNIS				
Yellow	Yellow WB EF-62-0035		Tests Required						
Lab	Batch	Relative	Viscosity	Non-	Pigment	Dry to	Date	Date	Applicator and Location
Sample	Number	Number Density Volatile		Volatile	Content	Touch	Sampled	Received	
Number 2021		(25/25°C)	(Krebs)	Content (%)	(%)		2021	2021	
B88	CPP2107Y0696	1.594	77.0	78.2	59.5	3.4	Jul-18	Aug-20	Line West Ltd Hwy 1 : 02 Contract Number : 21955
B90	B90 CPP2104Y0274		77.8	78.2	59.5	3.2	Jul-12	Aug-20	Line West Ltd Hwy 22 : 16 Contract Number : 21955
B92	B92 CPP2107Y0664 1.3		78.0	78.9	60.2	3.2	Aug-16	Aug-25	Aecon Hwy 8 : 06 Contract Number : 21514
B93	CPP2107Y0664	1.614	75.6	78.3	59.2	3.3	Aug-20		Ledcor Hwy 43
			Toleranc	e Limits		nvertaja.		Alaka Al	
2020	EF-62-0035	1.611	80.1	77.6	58.8				
Tole	erance Limits			± 2%	± 2%				
			± 5	absolute	absolute				
	Jpper Limit	1.661	85.1	79.6	60.8				
L	ower Limit	1.561	75.1	75.6	56.8				

Indicates result outside tolerance limits.
Test not Required by AT

PER:

30-Aug-21

Reviewed By:

Project No.: EA16450



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

Fo	rmulation:	Su	ıpplier:		ENNIS				
Yellow	WB EF-62-0035	Tests Required							
Lab	Batch	Relative	Viscosity	Non-	Pigment	Dry to	Date	Date	Applicator and Location
Sample	Number	Density		Volatile	Content	Touch	Sampled	Received	
Number	2021	(25/25°C)	(Krebs)	Content (%)	(%)	(Minutes)	2021	2021	
B95	B95 CPP2107Y0742 1.61		76.4	78.2	59.3	3.3	Aug-25	Aug-26	EMCON H wy 663 :02 CMA 10, Arthur Kavulok Phone: 780-675-2780
B97	B97 CPP2107Y0696		76.2	76.8	58.3	2.9	Aug-14	Aug-27	Line West Ltd Hwy 684: 02 Sampled By Ali Joyo 403-369-3499
B99	B99 CPP2107Y0695 1.573 78.4 78.8		78.8	59.8	3.3	Aug-26	Aug-30	Line King Hwy 561 Contract Number : 19472	
			Toleranc	e Limits			in-Lands I		
2020	EF-62-0035	1.611	80.1	77.6	58.8				
Tole	erance Limits		7	± 2%	± 2%				
		± 0.05	±5	absolute	absolute				
L	lpper Limit	1.661	85.1	79.6	60.8				
L	ower Limit	1.561	75.1	75.6	56.8				b.

* Indicates result outside tolerance limits.

Test not Required by AT

PER:

7-Sep-21 DATE

Reviewed By:

Reporting of these results constitutes a testing service only.

Project No.: EA16450



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Fo	rmulation:	Su	ıpplier:		ENNIS				
Yellow	WB EF-62-0035	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	2021	(25/25°C)	(Krebs)	Content (%)	(%)	(Minutes)	2021	2021	
B101	3101 CPP2107Y0742 1.590 81.5 78.3			78.3	59.7	3.2	Aug-25		Line West Ltd Hwy 22: 16 Contract Number : 21955
B103	B103 CPP2104Y0274 1.575 73.2* 77.4		77.4	58.6	3.4	Sep-2		Line West Ltd Hwy 1 : 10 Contract Number : 21955	
		Tolerance Limits			Trong	Misc /40	III ala		in This late like the two thinks for the As the
2020	EF-62-0035	1.611	80.1	77.6	58.8				
Tole	erance Limits			± 2%	± 2%				
		± 0.05	± 5	absolute	absolute				
U	pper Limit	1.661	85.1	79.6	60.8				
L	ower Limit	1.561	75.1	75.6	56.8				

* Indicates result outside tolerance limi	ts.	642		
Test not Required by AT		111		
PE	ER:		~ 1	14-Sep-21
		M	1	DATE
	Reviewed By:		1	
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Project No.: EA16450

wood.

Attn: Rishi Adhikari, P.Eng.

To: Alberta Transportation
Technical Standards Branch
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Canada T6B 3P6

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Fo	Formulation:		Supplier:						
Yellow	Yellow WB EF-62-0035		Tests Required						
Lab	Batch	Relative	Viscosity	Non-	Pigment	Dry to	Date	Date	Applicator and Location
Sample	Number	Density		Volatile	Content	Touch	Sampled	Received	
Number	2021	(25/25°C)	(Krebs)	Content (%)	(%)	(Minutes)	2021	2021	
B111	CPP2107Y0695	1.648	78.2	76.0	62.7	Jan-3	Sep-3		Ledcor Hwy 22 : 20 Contract Number : 20935
			Toleranc	e Limits		The All		4 49	
2020	EF-62-0035	1.611	80.1	77.6	58.8				
Tole	erance Limits			± 2%	± 2%				
			± 5	absolute	absolute				
U	Upper Limit		85.1	79.6	60.8				
L	ower Limit	1.561	75.1	75.6	56.8				

* Indicates result outside tolerance limits. Test not Required by AT	. 1.1	
PER:		22-Sep-21
Revi	ewed By:	DATE -
		l.

Project No.: EA16450



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Technical Standards Branch
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Edmonton, AB T6B 2X3

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5671 - 70 Street Edmonton, AB Canada T6B 3P6 Tel +1 (780) 436-2152 Fax +1 (780) 377-3599

Formulation:		Supplier:			ENNIS						
Yellow	Yellow WB EF-62-0035		Tests Required								
Lab	Batch	Relative	Viscosity	Non-	Pigment	Dry to	Date	Date	Applicator and Location		
Sample	Number	Density		Volatile	Content	Touch	Sampled	Received			
Number	2021	(25/25°C)	(Krebs)	Content (%)	(%)	(Minutes)	2021	2021			
B115	CPP2107Y0741	1.572	76.4	78.3	59.6	2.9	Sep-14	Sep-16	LaFrentz Hwy 22: 24 CMA 514 Sampler David Leek 403-845-1825		
B117	CPP2107Y0735	1.551*	72.2*	77.1	58.6	3.1	Aug-10	Sep-16	LaFrentz Hwy 27: 06 CMA 514 Sampler Simon Stuehler 780-719-5547		
B121	CPP2107Y0770	1.580	78.2	78.8	59.9	3.1	Sep-20	Sep-23	LaFrentz Hwy Hwy 40:38		
	Tolerance Limits		e Limits	Ellan	3 (14)						
2020	EF-62-0035	1.611	80.1	77.6	58.8						
Tole	erance Limits			± 2%	± 2%						
			± 5	absolute	absolute						
U	pper Limit	1.661	85.1	79.6	60.8						
L	ower Limit	1.561	75.1	75.6	56.8						

* Indicates result outside tolerance limits.

Test not Required by AT

PER:

28-Sep-21 DATE

Reviewed By:

Project No.: EA16450



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Technical Standards Branch
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Edmonton, AB T6B 2X3

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5671 - 70 Street

Edmonton, AB

Canada T6B 3P6

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Fo	Formulation:		Supplier:						
Yellow	WB EF-62-0035	Tests Required							
Lab	Batch	Relative	Viscosity	Non-	Pigment	Dry to	Date	Date	Applicator and Location
Sample	Number	Density		Volatile	Content	Touch	Sampled	Received	
Number	2021	(25/25°C)	(Krebs)	Content (%)	(%)	(Minutes)	2021	2021	
B123	CPP2106Y0611	1.632	75.8	77.9	58.9	3.2	Sep-21	Sep-23	Main Roads DeerFoot Trail
B125	CPP2107Y0770	1.563	81.8	78.7	59.2	2.9	Sep-21	Sep-28	Line King Hwy 43 : 08 and 11
B128	CPP2106Y0557	1.621	68.8*	76.8	57.9	3.1	Jul-22	Oct-1	Ledcor Hwy 43:00 From Beaverlodge to BC Border Sampler Edgar Parreno 780-533-5310
B130	CPP2107Y0741	1.647	76.6	78.1	59.3	3.1	Sep-21	Oct-1	LaFrentz Hwy 759 Test Section B Contract Number 0019698
B132	CPP2107Y0770	1.627	77.8	78.8	60.5	2.9	Sep-18	Oct-1	LaFrentz Hwy 16: 04 Contract Number 0019698
			Tolerance	e Limits					
2020	EF-62-0035	1.611	80.1	77.6	58.8				
Tole	Tolerance Limits			± 2%	± 2%				
			± 5	absolute	absolute				
U	pper Limit	1.661	85.1	79.6	60.8				
L	ower Limit	1.561	75.1	75.6	56.8				

* Indicates result outside tolerance limits.

Test not Required by AT

PER:

20-Oct-21 DATE

Reviewed By:

Project No.: EA16450



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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

Formulation:		Supplier:		ENNIS					
Yellow	WB EF-62-0035	Tests Required							
Lab	Batch	Relative	Viscosity	Non-	Pigment	Dry to	Date	Date	Applicator and Location
Sample	Number	Density		Volatile	Content	Touch	Sampled	Received	
Number	2021	(25/25°C)	(Krebs)	Content (%)	(%)	(Minutes)	2021	2021	
B158	CPP2107Y0664	1.584	75.2	78.0	59.2	2.9	Oct-14	Oct-18	Ledcor Hwy Maint Yard CMA 508
	Tolerance Limits				- W., Y		15. 3.		
2020	EF-62-0035	1.611	80.1	77.6	58.8				
Tole	erance Limits			± 2%	± 2%				
			± 5	absolute	absolute				ii .
L	Upper Limit		85.1	79.6	60.8				
L	ower Limit	1.561	75.1	75.6	56.8				

* Indicates result outside tolerance limits.		
Test not Required by AT	111	
PER:	15-Nov-	21
(C	DATE	
Reviewed By:	1	

Project No.: EA16450



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Formulation:		Supplier:		ENNIS					
Yellow	WB EF-62-0035	Tests Required							
Lab	Batch	Relative	Viscosity	Non-	Pigment	Dry to	Date	Date	Applicator and Location
Sample	Number	Density		Volatile	Content	Touch	Sampled	Received	
Number	2021	(25/25°C)	(Krebs)	Content (%)	(%)	(Minutes)	2021	2021	a a
B171	CPP2107Y0722	1.586	75.0	78.1	59.5	3.1	Nov-4		Emcon Oyen CMA 22
	To		Toleranc	e Limits					
2020	EF-62-0035	1.611	80.1	77.6	58.8				
Tole	Tolerance Limits			± 2%	± 2%				
			± 5	absolute	absolute				
U	Upper Limit		85.1	79.6	60.8				
L	ower Limit	1.561	75.1	75.6	56.8				

* Indicates result outside tolerance limits. Test not Required by AT	9.1	1	
PER:	1 /		/3-Dec-21
Re	eviewed By:	1	DATE