

Client:	DEF Products, LLC
Contact	Sharon Stegmuller
Address	422 East Barioni Blvd
	Imperial, CA 02251
Email	defproducts@gmail.com
Phone	760 355 7997
Report Date	2/14/2023



Enalytic ID	E2302021-001
Batch Number	302102023L
Train Number	GATX220547
Sample ID	DEF 32.5%
Date Sampled	2/10/2023
Date Received	2/13/2023
ISO 17025	Certificate Number: AT-2956

Certificate of Analysis

Diesel Exhaust Fluid Analytical ISO-22241

Client ID: 32.5% DEF Batch # 302102023L Train # GATX220547

wt% N _D ²⁰ % % mg/kg	Method (ISO) ¹ 22241-2 Annex C 22241-2 Annex C 22241-2 Annex D 22241-2 Annex E	Limit ² 31.8-33.4 1.3814-1.3843 <0.2	32.3 1.3827	SPT MDC	Date 2/14/2023	Fail Pass
N _D ²⁰ %	22241-2 Annex C 22241-2 Annex D	1.3814-1.3843				Pass
%	22241-2 Annex D		1.3827	MDC	0/4.4/00000	
%		<0.2		-	2/14/2023	Pass
	22241-2 Annex F		0.08	MDC	2/13/2023	Pass
mg/kg		<0.3	0.19	MDC	2/13/2023	Pass
	22241-2 Annex F	<5.0	<1.0	MFB	2/13/2023	Pass
mg/kg	22241-2 Annex G	<20	<2.5	MFB	2/13/2023	Pass
mg/kg	22241-2 Annex I	<0.5	<0.05	SPT	2/13/2023	Pass
mg/kg	22241-2 Annex I	<0.5	0.14	SPT	2/13/2023	Pass
mg/kg	22241-2 Annex I	<0.2	<0.02	SPT	2/13/2023	Pass
mg/kg	22241-2 Annex I	<0.2	<0.02	SPT	2/13/2023	Pass
mg/kg	22241-2 Annex I	<0.5	<0.05	SPT	2/13/2023	Pass
mg/kg	22241-2 Annex I	<0.5	<0.05	SPT	2/13/2023	Pass
mg/kg	22241-2 Annex I	<0.2	<0.02	SPT	2/13/2023	Pass
mg/kg	22241-2 Annex I	<0.5	<0.25	SPT	2/13/2023	Pass
mg/kg	22241-2 Annex I	<0.5	<0.05	SPT	2/13/2023	Pass
mg/kg	22241-2 Annex I	<0.5	0.13	SPT	2/13/2023	Pass
mg/kg	22241-2 Annex I	<0.2	<0.02	SPT	2/13/2023	Pass
r r r r	ng/kg ng/kg ng/kg ng/kg ng/kg ng/kg ng/kg ng/kg	ng/kg 22241-2 Annex I ng/kg 22241-2 Annex I	ng/kg 22241-2 Annex I <0.5 ng/kg 22241-2 Annex I <0.2	ng/kg 22241-2 Annex I <0.5 0.14 ng/kg 22241-2 Annex I <0.2	ng/kg 22241-2 Annex I <0.5 0.14 SPT ng/kg 22241-2 Annex I <0.2	ng/kg 22241-2 Annex I <0.5 0.14 SPT 2/13/2023 ng/kg 22241-2 Annex I <0.2

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Identify by FTIR (attached) ³	Spectra	22241-2 Annex J	Control Match	Match	MDC	2/13/2023	
Density @ 20degC	g/cm ³	3675	Not Applicable	1.0893	MDC	2/14/2023	

Miscellaneous Secondary Unregulated Quality Standards

Note 1: All ISO standards are up to date with the latest revisions.

Note 2: The acceptable values are based on the standard 32.5% unless otherwise stated, and are less than or equal to the values shown. Note 3: ISO 17025 accreditation not applied for.

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Certification Approval

Laboratory Director: Anthony J Scala

Date: 2/14/2023



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	Imperial, CA 02251
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Phone	760 355 7997
Report Date	2/14/2023



Enalytic ID	E2302021-002
Batch Number	302102023P
Train Number	TILX264962
Sample ID	DEF 32.0%
Date Sampled	2/10/2023
Date Received	2/13/2023
ISO 17025	Certificate Number: AT-2956

Certificate of Analysis

Diesel Exhaust Fluid Analytical ISO-22241

Client ID: 32.0% DEF Batch # 302102023P Train # TILX264962

wt% N _D ²⁰ % % mg/kg mg/kg	Method (ISO) ¹ 22241-2 Annex C 22241-2 Annex C 22241-2 Annex D 22241-2 Annex E 22241-2 Annex F	Limit ² 31.8-33.4 1.3814-1.3843 <0.2 <0.3 <5.0	32.1 1.3824 0.08 0.19	SPT MDC MDC MDC	Date 2/14/2023 2/14/2023 2/13/2023 2/13/2023	Fail Pass Pass Pass Pass
N _D ²⁰ % % mg/kg	22241-2 Annex C 22241-2 Annex D 22241-2 Annex E 22241-2 Annex F	1.3814-1.3843 <0.2 <0.3	1.3824 0.08 0.19	MDC MDC	2/14/2023 2/13/2023	Pass Pass
% % mg/kg	22241-2 Annex D 22241-2 Annex E 22241-2 Annex F	<0.2 <0.3	0.08 0.19	MDC	2/13/2023	Pass
% mg/kg	22241-2 Annex E 22241-2 Annex F	<0.3	0.19	_		
mg/kg	22241-2 Annex F			MDC	2/13/2023	Pass
0 0	-	<5.0				1 433
mg/kg			<1.0	MFB	2/13/2023	Pass
	22241-2 Annex G	<20	<2.5	MFB	2/13/2023	Pass
mg/kg	22241-2 Annex I	<0.5	<0.05	SPT	2/13/2023	Pass
mg/kg	22241-2 Annex I	<0.5	<0.05	SPT	2/13/2023	Pass
mg/kg	22241-2 Annex I	<0.2	<0.02	SPT	2/13/2023	Pass
mg/kg	22241-2 Annex I	<0.2	<0.02	SPT	2/13/2023	Pass
mg/kg	22241-2 Annex I	<0.5	<0.05	SPT	2/13/2023	Pass
mg/kg	22241-2 Annex I	<0.5	<0.05	SPT	2/13/2023	Pass
mg/kg	22241-2 Annex I	<0.2	<0.02	SPT	2/13/2023	Pass
mg/kg	22241-2 Annex I	<0.5	<0.25	SPT	2/13/2023	Pass
mg/kg	22241-2 Annex I	<0.5	<0.05	SPT	2/13/2023	Pass
mg/kg	22241-2 Annex I	<0.5	0.13	SPT	2/13/2023	Pass
mg/kg	22241-2 Annex I	<0.2	<0.02	SPT	2/13/2023	Pass
	ng/kg ng/kg ng/kg ng/kg ng/kg ng/kg ng/kg ng/kg	mg/kg 22241-2 Annex I mg/kg 22241-2 Annex I	mg/kg 22241-2 Annex I <0.5 mg/kg 22241-2 Annex I <0.2	mg/kg 22241-2 Annex I <0.5 <0.05 mg/kg 22241-2 Annex I <0.2	mg/kg 22241-2 Annex I <0.5 <0.05 SPT mg/kg 22241-2 Annex I <0.2	mg/kg 22241-2 Annex I <0.5 <0.05 SPT 2/13/2023 mg/kg 22241-2 Annex I <0.2

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Identify by FTIR (attached) ³	Spectra	22241-2 Annex J	Control Match	Match	MDC	2/13/2023	
Density @ 20degC	g/cm ³	3675	Not Applicable	1.0893	MDC	2/14/2023	

Miscellaneous Secondary Unregulated Quality Standards

Note 1: All ISO standards are up to date with the latest revisions.

Note 2: The acceptable values are based on the standard 32.5% unless otherwise stated, and are less than or equal to the values shown. Note 3: ISO 17025 accreditation not applied for.

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Certification Approval

Date:

2/14/2023

Laboratory Director: Anthony J Scala



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Contact	Sharon Stegmuller
Address	422 East Barioni Blvd
	Imperial, CA 02251
Email	defproducts@gmail.com
Phone	760 355 7997
Report Date	2/21/2023



Enalytic ID	E2302027-001
Batch Number	302142023L
Train Number	GATX220474
Sample ID	DEF 32.5%
Date Sampled	2/14/2023
Date Received	2/17/2023
ISO 17025	Certificate Number: AT-2956

Certificate of Analysis

Diesel Exhaust Fluid Analytical ISO-22241

Client ID: 32.5% DEF Batch # 302142023L Train # GATX220474

Units	Test	Acceptable	Results	Chemist	Analysis	Pass/
	Method (ISO) ¹	Limit ²			Date	Fail
wt%	22241-2 Annex C	31.8-33.4	32.4	SPT	2/21/2023	Pass
N _D ²⁰	22241-2 Annex C	1.3814-1.3843	1.3829	MDC	2/21/2023	Pass
%	22241-2 Annex D	<0.2	0.06	MFB	2/21/2023	Pass
%	22241-2 Annex E	<0.3	0.19	MDC	2/21/2023	Pass
mg/kg	22241-2 Annex F	<5.0	<1.0	MFB	2/20/2023	Pass
mg/kg	22241-2 Annex G	<20	<2.5	MFB	2/20/2023	Pass
mg/kg	22241-2 Annex I	<0.5	<0.05	SPT	2/20/2023	Pass
mg/kg	22241-2 Annex I	<0.5	0.13	SPT	2/20/2023	Pass
mg/kg	22241-2 Annex I	<0.2	<0.02	SPT	2/20/2023	Pass
mg/kg	22241-2 Annex I	<0.2	0.066	SPT	2/20/2023	Pass
mg/kg	22241-2 Annex I	<0.5	<0.05	SPT	2/20/2023	Pass
mg/kg	22241-2 Annex I	<0.5	<0.05	SPT	2/20/2023	Pass
mg/kg	22241-2 Annex I	<0.2	<0.02	SPT	2/20/2023	Pass
mg/kg	22241-2 Annex I	<0.5	<0.25	SPT	2/20/2023	Pass
mg/kg	22241-2 Annex I	<0.5	0.22	SPT	2/20/2023	Pass
mg/kg	22241-2 Annex I	<0.5	0.30	SPT	2/20/2023	Pass
mg/kg	22241-2 Annex I	<0.2	<0.02	SPT	2/20/2023	Pass
	wt% Np ²⁰ % mg/kg mg/kg	Method (ISO) ¹ wt% 22241-2 Annex C N _D ²⁰ 22241-2 Annex C % 22241-2 Annex C % 22241-2 Annex C % 22241-2 Annex C % 22241-2 Annex C mg/kg 22241-2 Annex E mg/kg 22241-2 Annex F mg/kg 22241-2 Annex I mg/kg 22241-2 Annex I	Method (ISO) ¹ Limit ² wt% 22241-2 Annex C 31.8-33.4 N _D ²⁰ 22241-2 Annex C 1.3814-1.3843 % 22241-2 Annex D <0.2	Method (ISO) ¹ Limit ² wt% 22241-2 Annex C 31.8-33.4 32.4 N _D ²⁰ 22241-2 Annex C 1.3814-1.3843 1.3829 % 22241-2 Annex D <0.2	Method (ISO) ¹ Limit ² wt% 22241-2 Annex C 31.8-33.4 32.4 SPT N _D ²⁰ 22241-2 Annex C 1.3814-1.3843 1.3829 MDC % 22241-2 Annex D <0.2	Method (ISO)1Limit2Datewt%22241-2 Annex C31.8-33.432.4SPT2/21/2023ND2022241-2 Annex C1.3814-1.38431.3829MDC2/21/2023%22241-2 Annex D<0.2

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Identify by FTIR (attached) ³	Spectra	22241-2 Annex J	Control Match	Match	MDC	2/21/2023	
Density @ 20degC	g/cm ³	3675	Not Applicable	1.0883	MDC	2/21/2023	

Miscellaneous Secondary Unregulated Quality Standards

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Certification Approval

Laboratory Director: Anthony J Scala

Date: 2/21/2023

Enalytic DUNS Reg. Number: 02-636-0096

Page 1 of 1



Client:	DEF Products, LLC
Contact	Sharon Stegmuller
Address	422 East Barioni Blvd
	Imperial, CA 02251
Email	<u>defproducts@gmail.com</u>
Phone	760 355 7997
Report Date	2/28/2023



Enalytic ID	E2302041-001
Batch Number	302212023M
Train Number	TILX220099
Sample ID	DEF 32.5%
Date Sampled	2/21/2023
Date Received	2/24/2023
ISO 17025	Certificate Number: AT-2956

Certificate of Analysis

Diesel Exhaust Fluid Analytical ISO-22241 Client ID: 32.5% DEF Batch # 302212023M Train # TILX220099

Test Parameter/Method	Units	Test	Acceptable	Results	Chemist	Analysis	Pass/
		Method (ISO) ¹	Limit ²			Date	Fail
Urea Content	wt%	22241-2 Annex C	31.8-33.4	32.6	SPT	2/28/2023	Pass
Refractive Index @ 20degC	N _D ²⁰	22241-2 Annex C	1.3814-1.3843	1.3832	MFB	2/28/2023	Pass
Alkalinity as NH ₃	%	22241-2 Annex D	<0.2	0.06	MDC	2/28/2023	Pass
Biuret	%	22241-2 Annex E	<0.3	0.17	MDC	2/27/2023	Pass
Aldehyde	mg/kg	22241-2 Annex F	<5.0	<1.0	MLB	2/27/2023	Pass
Insolubles	mg/kg	22241-2 Annex G	<20	<2.5	MDC	2/27/2023	Pass
Aluminum by ICP-OES	mg/kg	22241-2 Annex I	<0.5	<0.05	NAB	2/27/2023	Pass
Calcium by ICP-OES	mg/kg	22241-2 Annex I	<0.5	<0.05	NAB	2/27/2023	Pass
Chromium by ICP-OES	mg/kg	22241-2 Annex I	<0.2	<0.02	NAB	2/27/2023	Pass
Copper by ICP-OES	mg/kg	22241-2 Annex I	<0.2	0.049	NAB	2/27/2023	Pass
Iron by ICP-OES	mg/kg	22241-2 Annex I	<0.5	<0.05	NAB	2/27/2023	Pass
Magnesium by ICP-OES	mg/kg	22241-2 Annex I	<0.5	<0.05	NAB	2/27/2023	Pass
Nickel by ICP-OES	mg/kg	22241-2 Annex I	<0.2	<0.02	NAB	2/27/2023	Pass
Phosphate by ICP-OES	mg/kg	22241-2 Annex I	<0.5	<0.25	NAB	2/27/2023	Pass
Potassium by ICP-OES	mg/kg	22241-2 Annex I	<0.5	0.14	NAB	2/27/2023	Pass
Sodium by ICP-OES	mg/kg	22241-2 Annex I	<0.5	0.23	NAB	2/27/2023	Pass
Zinc by ICP-OES	mg/kg	22241-2 Annex I	<0.2	<0.02	NAB	2/27/2023	Pass

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Identify by FTIR (attached) ³	Spectra	22241-2 Annex J	Control Match	Match	MDC	2/27/2023	
Density @ 20degC	g/cm ³	3675	Not Applicable	1.0908	MFB	2/28/2023	

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Certification Approval

Laboratory Director: Anthony J Scala

Date: 2/28/2023



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Contact	Sharon Stegmuller
Address	422 East Barioni Blvd
	Imperial, CA 02251
Email	<u>defproducts@gmail.com</u>
Phone	760 355 7997
Report Date	2/28/2023



Enalytic ID	E2302041-002
Batch Number	302212023M2
Train Number	TILX265013
Sample ID	DEF 32.5%
Date Sampled	2/21/2023
Date Received	2/24/2023
ISO 17025	Certificate Number: AT-2956

Certificate of Analysis

Diesel Exhaust Fluid Analytical ISO-22241

Client ID: 32.5% DEF Batch # 302212023M2 Train # TILX265013

Test Parameter/Method	Units	Test	Acceptable	Results	Chemist	Analysis	Pass/
		Method (ISO) ¹	Limit ²			Date	Fail
Urea Content	wt%	22241-2 Annex C	31.8-33.4	32.5	SPT	2/28/2023	Pass
Refractive Index @ 20degC	N _D ²⁰	22241-2 Annex C	1.3814-1.3843	1.3830	MFB	2/28/2023	Pass
Alkalinity as NH ₃	%	22241-2 Annex D	<0.2	0.08	MDC	2/28/2023	Pass
Biuret	%	22241-2 Annex E	<0.3	0.16	MDC	2/27/2023	Pass
Aldehyde	mg/kg	22241-2 Annex F	<5.0	<1.0	MLB	2/27/2023	Pass
Insolubles	mg/kg	22241-2 Annex G	<20	<2.5	MDC	2/27/2023	Pass
Aluminum by ICP-OES	mg/kg	22241-2 Annex I	<0.5	<0.05	NAB	2/27/2023	Pass
Calcium by ICP-OES	mg/kg	22241-2 Annex I	<0.5	0.26	NAB	2/27/2023	Pass
Chromium by ICP-OES	mg/kg	22241-2 Annex I	<0.2	<0.02	NAB	2/27/2023	Pass
Copper by ICP-OES	mg/kg	22241-2 Annex I	<0.2	0.068	NAB	2/27/2023	Pass
Iron by ICP-OES	mg/kg	22241-2 Annex I	<0.5	<0.05	NAB	2/27/2023	Pass
Magnesium by ICP-OES	mg/kg	22241-2 Annex I	<0.5	<0.05	NAB	2/27/2023	Pass
Nickel by ICP-OES	mg/kg	22241-2 Annex I	<0.2	<0.02	NAB	2/27/2023	Pass
Phosphate by ICP-OES	mg/kg	22241-2 Annex I	<0.5	<0.25	NAB	2/27/2023	Pass
Potassium by ICP-OES	mg/kg	22241-2 Annex I	<0.5	0.21	NAB	2/27/2023	Pass
Sodium by ICP-OES	mg/kg	22241-2 Annex I	<0.5	0.23	NAB	2/27/2023	Pass
Zinc by ICP-OES	mg/kg	22241-2 Annex I	<0.2	<0.02	NAB	2/27/2023	Pass

			, ,		,		
Identify by FTIR (attached) ³	Spectra	22241-2 Annex J	Control Match	Match	MDC	2/27/2023	
Density @ 20degC	g/cm ³	3675	Not Applicable	1.0908	MFB	2/28/2023	

Miscellaneous Secondary Unregulated Quality Standards

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Laboratory Director: Anthony J Scala

Date: 2/28/2023



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Contact	Sharon Stegmuller
Address	422 East Barioni Blvd
	Imperial, CA 02251
Email	<u>defproducts@gmail.com</u>
Phone	760 355 7997
Report Date	3/3/2023



Enalytic ID	E2303004-001
Batch Number	302242023M
Train Number	GBRX713489
Sample ID	DEF 32.5%
Date Sampled	2/24/2023
Date Received	3/1/2023
ISO 17025	Certificate Number: AT-2956

Certificate of Analysis

Diesel Exhaust Fluid Analytical ISO-22241

Client ID: 32.5% DEF Batch # 302242023M Train # GBRX713489

Test Parameter/Method	Units	Test	Acceptable	Results	Chemist	Analysis	Pass/
		Method (ISO) ¹	Limit ²			Date	Fail
Urea Content	wt%	22241-2 Annex C	31.8-33.4	32.4	SPT	3/3/2023	Pass
Refractive Index @ 20degC	N _D ²⁰	22241-2 Annex C	1.3814-1.3843	1.3829	MDC	3/1/2023	Pass
Alkalinity as NH ₃	%	22241-2 Annex D	<0.2	0.09	MLB	3/2/2023	Pass
Biuret	%	22241-2 Annex E	<0.3	0.18	MDC	3/2/2023	Pass
Aldehyde	mg/kg	22241-2 Annex F	<5.0	<1.0	MFB	3/2/2023	Pass
Insolubles	mg/kg	22241-2 Annex G	<20	<2.5	MFB	3/2/2023	Pass
Aluminum by ICP-OES	mg/kg	22241-2 Annex I	<0.5	<0.1	NAB	3/2/2023	Pass
Calcium by ICP-OES	mg/kg	22241-2 Annex I	<0.5	0.22	NAB	3/2/2023	Pass
Chromium by ICP-OES	mg/kg	22241-2 Annex I	<0.2	<0.04	NAB	3/2/2023	Pass
Copper by ICP-OES	mg/kg	22241-2 Annex I	<0.2	<0.04	NAB	3/2/2023	Pass
Iron by ICP-OES	mg/kg	22241-2 Annex I	<0.5	<0.1	NAB	3/2/2023	Pass
Magnesium by ICP-OES	mg/kg	22241-2 Annex I	<0.5	<0.1	NAB	3/2/2023	Pass
Nickel by ICP-OES	mg/kg	22241-2 Annex I	<0.2	<0.04	NAB	3/2/2023	Pass
Phosphate by ICP-OES	mg/kg	22241-2 Annex I	<0.5	<0.31	NAB	3/2/2023	Pass
Potassium by ICP-OES	mg/kg	22241-2 Annex I	<0.5	0.17	NAB	3/2/2023	Pass
Sodium by ICP-OES	mg/kg	22241-2 Annex I	<0.5	<0.1	NAB	3/2/2023	Pass
Zinc by ICP-OES	mg/kg	22241-2 Annex I	<0.2	<0.04	NAB	3/2/2023	Pass

			, ,		,		
Identify by FTIR (attached) ³	Spectra	22241-2 Annex J	Control Match	Match	MLB	3/1/2023	
Density @ 20degC	g/cm ³	3675	Not Applicable	1.0903	MFB	3/3/2023	

Miscellaneous Secondary Unregulated Quality Standards

Note 1: All ISO standards are up to date with the latest revisions.

Note 2: The acceptable values are based on the standard 32.5% unless otherwise stated, and are less than or equal to the values shown. Note 3: ISO 17025 accreditation not applied for.

All procedures were conducted in accordance with Enalytic's Quality Control manual in its most current form and/or related procedures. The information contained in the analytical report represents only the materials tested and may not be reproduced except in full and without the written approval of the Technical Director of Enalytic Labs. Enalytic maintains a quality system in compliance with ISO17025:2017 with accreditations through ANAB certificate #AT-2956. All testing will be conducted in good faith by trained personnel equipped with the proper equipment and methodologies. Our liability will be limited to the cost of the services, including third-party charges. All test samples will be retained for a minimum of 3 months and/or extensi on by request. Fraudulent, false or statements of fiction are punishable by Federal Law. All samples received and reported above have been received in proper condition or as noted on the report.

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Certification Approval

Laboratory Director: Anthony J Scala

Date: 3/3/2023

Enalytic DUNS Reg. Number: 02-636-0096

Page 1 of 1



Client:	DEF Products, LLC
Contact	Sharon Stegmuller
Address	422 East Barioni Blvd
	Imperial, CA 02251
Email	defproducts@gmail.com
Phone	760 355 7997
Report Date	3/7/2023



Enalytic ID	E2303010-001
Batch Number	302282023M
Train Number	TCBX231027
Sample ID	DEF 32.5%
Date Sampled	2/28/2023
Date Received	3/3/2023
ISO 17025	Certificate Number: AT-2956

Certificate of Analysis

Diesel Exhaust Fluid Analytical ISO-22241 Client ID: 32.5% DEF Batch # 302282023M Train # TCBX231027

Test Parameter/Method	Units	Test Method (ISO) ¹	Acceptable Limit ²	Results	Chemist	Analysis Date	Pass/ Fail
Urea Content	wt%	22241-2 Annex C	31.8-33.4	32.5	SPT	3/7/2023	Pass
Refractive Index @ 20degC	N _D ²⁰	22241-2 Annex C	1.3814-1.3843	1.3829	MDC	3/6/2023	Pass
Alkalinity as NH ₃	%	22241-2 Annex D	<0.2	0.10	MLB	3/6/2023	Pass
Biuret	%	22241-2 Annex E	<0.3	0.16	MDC	3/6/2023	Pass
Aldehyde	mg/kg	22241-2 Annex F	<5.0	<1.0	MFB	3/6/2023	Pass
Insolubles	mg/kg	22241-2 Annex G	<20	<2.5	MFB	3/6/2023	Pass
Aluminum by ICP-OES	mg/kg	22241-2 Annex I	<0.5	<0.1	NAB	3/6/2023	Pass
Calcium by ICP-OES	mg/kg	22241-2 Annex I	<0.5	<0.1	NAB	3/6/2023	Pass
Chromium by ICP-OES	mg/kg	22241-2 Annex I	<0.2	<0.04	NAB	3/6/2023	Pass
Copper by ICP-OES	mg/kg	22241-2 Annex I	<0.2	0.050	NAB	3/6/2023	Pass
Iron by ICP-OES	mg/kg	22241-2 Annex I	<0.5	<0.1	NAB	3/6/2023	Pass
Magnesium by ICP-OES	mg/kg	22241-2 Annex I	<0.5	<0.1	NAB	3/6/2023	Pass
Nickel by ICP-OES	mg/kg	22241-2 Annex I	<0.2	<0.04	NAB	3/6/2023	Pass
Phosphate by ICP-OES	mg/kg	22241-2 Annex I	<0.5	<0.31	NAB	3/6/2023	Pass
Potassium by ICP-OES	mg/kg	22241-2 Annex I	<0.5	0.15	NAB	3/6/2023	Pass
Sodium by ICP-OES	mg/kg	22241-2 Annex I	<0.5	0.25	NAB	3/6/2023	Pass
Zinc by ICP-OES	mg/kg	22241-2 Annex I	<0.2	<0.04	NAB	3/6/2023	Pass

Identify by FTIR (attached) ³	Spectra	22241-2 Annex J	Control Match	Match	MDC	3/6/2023	
Density @ 20degC	g/cm ³	3675	Not Applicable	1.0898	MDC	3/6/2023	

Miscellaneous Secondary Unregulated Quality Standards

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Certification Approval

Laboratory Director: Anthony J Scala

Date: 3/7/2023