

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	5/10/2022



Enalytic ID	E2205005-002
Batch Number	305042022M
Train Number	UTLX647922
Sample ID	DEF 32.5%
Date Sampled	5/4/2022
Date Received	5/6/2022
ISO 17025	Certificate Number: AT-2956

Certificate of Analysis

Diesel Exhaust Fluid Analytical ISO-22241

Client ID: 32.5% DEF Batch # 305042022M Train # UTLX647922

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	5/9/2022	Pass
Refractive Index @ 20degC	N _D ²⁰	22241-2 Annex C	1.3814-1.3843	1.3832	JHC	5/6/2022	Pass
Alkalinity as NH ₃	%	22241-2 Annex D	<0.2	0.08	MDC	5/6/2022	Pass
Biuret	%	22241-2 Annex E	<0.3	0.16	MDC	5/9/2022	Pass
Aldehyde	mg/kg	22241-2 Annex F	<5.0	<1.0	MDC	5/9/2022	Pass
Insolubles	mg/kg	22241-2 Annex G	<20	<2.0	JHC	5/6/2022	Pass
Aluminum by ICP-OES	mg/kg	22241-2 Annex I	<0.5	<0.05	DSD	5/10/2022	Pass
Calcium by ICP-OES	mg/kg	22241-2 Annex I	<0.5	<0.05	DSD	5/10/2022	Pass
Chromium by ICP-OES	mg/kg	22241-2 Annex I	<0.2	0.030	DSD	5/10/2022	Pass
Copper by ICP-OES	mg/kg	22241-2 Annex I	<0.2	<0.02	DSD	5/10/2022	Pass
Iron by ICP-OES	mg/kg	22241-2 Annex I	<0.5	<0.05	DSD	5/10/2022	Pass
Magnesium by ICP-OES	mg/kg	22241-2 Annex I	<0.5	<0.05	DSD	5/10/2022	Pass
Nickel by ICP-OES	mg/kg	22241-2 Annex I	<0.2	<0.02	DSD	5/10/2022	Pass
Phosphate by ICP-OES	mg/kg	22241-2 Annex I	<0.5	<0.25	DSD	5/10/2022	Pass
Potassium by ICP-OES	mg/kg	22241-2 Annex I	<0.5	<0.05	DSD	5/10/2022	Pass
Sodium by ICP-OES	mg/kg	22241-2 Annex I	<0.5	<0.05	DSD	5/10/2022	Pass
Zinc by ICP-OES	mg/kg	22241-2 Annex I	<0.2	<0.02	DSD	5/10/2022	Pass

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Identify by FTIR (attached) ³	Spectra	22241-2 Annex J	Control Match	Match	JHC	5/6/2022	
Density @ 20degC	g/cm ³	3675	Not Applicable	1.0908	JHC	5/9/2022	

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: 5/10/2022

Enalytic DUNS Reg. Number: 02-636-0096



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Address	422 East Barioni Blvd
	Imperial, CA 02251
Email	defproducts@gmail.com
Phone	760 355 7997
Report Date	5/10/2022



Enalytic ID	E2205005-003
Batch Number	305042022M2
Train Number	GAT223462
Sample ID	DEF 32.5%
Date Sampled	5/4/2022
Date Received	5/6/2022
ISO 17025	Certificate Number: AT-2956

Certificate of Analysis

Diesel Exhaust Fluid Analytical ISO-22241

Client ID: 32.5% DEF Batch # 305042022M2 Train # GAT223462

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	5/9/2022	Pass
Refractive Index @ 20degC	N _D ²⁰	22241-2 Annex C	1.3814-1.3843	1.3832	JHC	5/6/2022	Pass
Alkalinity as NH ₃	%	22241-2 Annex D	<0.2	0.08	MDC	5/6/2022	Pass
Biuret	%	22241-2 Annex E	<0.3	0.16	MDC	5/9/2022	Pass
Aldehyde	mg/kg	22241-2 Annex F	<5.0	<1.0	MDC	5/9/2022	Pass
Insolubles	mg/kg	22241-2 Annex G	<20	<2.0	JHC	5/6/2022	Pass
Aluminum by ICP-OES	mg/kg	22241-2 Annex I	<0.5	<0.05	DSD	5/10/2022	Pass
Calcium by ICP-OES	mg/kg	22241-2 Annex I	<0.5	<0.05	DSD	5/10/2022	Pass
Chromium by ICP-OES	mg/kg	22241-2 Annex I	<0.2	0.025	DSD	5/10/2022	Pass
Copper by ICP-OES	mg/kg	22241-2 Annex I	<0.2	<0.02	DSD	5/10/2022	Pass
Iron by ICP-OES	mg/kg	22241-2 Annex I	<0.5	<0.05	DSD	5/10/2022	Pass
Magnesium by ICP-OES	mg/kg	22241-2 Annex I	<0.5	<0.05	DSD	5/10/2022	Pass
Nickel by ICP-OES	mg/kg	22241-2 Annex I	<0.2	<0.02	DSD	5/10/2022	Pass
Phosphate by ICP-OES	mg/kg	22241-2 Annex I	<0.5	<0.25	DSD	5/10/2022	Pass
Potassium by ICP-OES	mg/kg	22241-2 Annex I	<0.5	<0.05	DSD	5/10/2022	Pass
Sodium by ICP-OES	mg/kg	22241-2 Annex I	<0.5	<0.05	DSD	5/10/2022	Pass
Zinc by ICP-OES	mg/kg	22241-2 Annex I	<0.2	<0.02	DSD	5/10/2022	Pass
	Mi	scellaneous Seco	ondary Unregula	ated Qualit	y Standards		

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Identify by FTIR (attached) ³	Spectra	22241-2 Annex J	Control Match	Match	JHC	5/6/2022	
Density @ 20degC	g/cm ³	3675	Not Applicable	1.0913	JHC	5/9/2022	

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Certification Approval

Laboratory Director: Anthony J Scala

Date: 5/10/2022

Enalytic DUNS Reg. Number: 02-636-0096



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Address	422 East Barioni Blvd
	Imperial, CA 02251
Email	defproducts@gmail.com
Phone	760 355 7997
Report Date	5/23/2022



Enalytic ID	E2205033-001
Batch Number	305122022P
Train Number	UTLX680523
Sample ID	DEF 32.5%
Date Sampled	5/12/2022
Date Received	5/19/2022
ISO 17025	Certificate Number: AT-2956

Certificate of Analysis

Diesel Exhaust Fluid Analytical ISO-22241

Client ID: 32.5% DEF Batch # 305122022P Train # UTLX680523

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	32.7	SPT	5/23/2022	Pass
Refractive Index @ 20degC	N _D ²⁰	22241-2 Annex C	1.3814-1.3843	1.3833	JHC	5/20/2022	Pass
Alkalinity as NH ₃	%	22241-2 Annex D	<0.2	0.08	MDC	5/20/2022	Pass
Biuret	%	22241-2 Annex E	<0.3	0.17	MDC	5/19/2022	Pass
Aldehyde	mg/kg	22241-2 Annex F	<5.0	<1.0	MDC	5/20/2022	Pass
Insolubles	mg/kg	22241-2 Annex G	<20	<2.0	JHC	5/20/2022	Pass
Aluminum by ICP-OES	mg/kg	22241-2 Annex I	<0.5	<0.05	SPT	5/23/2022	Pass
Calcium by ICP-OES	mg/kg	22241-2 Annex I	<0.5	<0.05	SPT	5/23/2022	Pass
Chromium by ICP-OES	mg/kg	22241-2 Annex I	<0.2	0.086	SPT	5/23/2022	Pass
Copper by ICP-OES	mg/kg	22241-2 Annex I	<0.2	<0.02	SPT	5/23/2022	Pass
Iron by ICP-OES	mg/kg	22241-2 Annex I	<0.5	<0.05	SPT	5/23/2022	Pass
Magnesium by ICP-OES	mg/kg	22241-2 Annex I	<0.5	<0.05	SPT	5/23/2022	Pass
Nickel by ICP-OES	mg/kg	22241-2 Annex I	<0.2	0.020	SPT	5/23/2022	Pass
Phosphate by ICP-OES	mg/kg	22241-2 Annex I	<0.5	<0.25	SPT	5/23/2022	Pass
Potassium by ICP-OES	mg/kg	22241-2 Annex I	<0.5	<0.05	SPT	5/23/2022	Pass
Sodium by ICP-OES	mg/kg	22241-2 Annex I	<0.5	<0.05	SPT	5/23/2022	Pass
Zinc by ICP-OES	mg/kg	22241-2 Annex I	<0.2	<0.02	SPT	5/23/2022	Pass

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Identify by FTIR (attached) ³	Spectra	22241-2 Annex J	Control Match	Match	JHC	5/23/2022	
Density @ 20degC	g/cm ³	3675	Not Applicable	1.0903	JHC	5/23/2022	

Miscellaneous Secondary Unregulated Quality Standards

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Certification Approval

Date: 5/23/2022

Laboratory Director: Anthony J Scala

Enalytic DUNS Reg. Number: 02-636-0096



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	5/23/2022



Enalytic ID	E2205033-002
Batch Number	305122022P2
Train Number	UTLX647743
Sample ID	DEF 32.5%
Date Sampled	5/12/2022
Date Received	5/19/2022
ISO 17025	Certificate Number: AT-2956

Certificate of Analysis

Diesel Exhaust Fluid Analytical ISO-22241

Client ID: 32.5% DEF Batch # 305122022P2 Train # UTLX647743

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	5/23/2022	Pass
Refractive Index @ 20degC	N _D ²⁰	22241-2 Annex C	1.3814-1.3843	1.3830	JHC	5/20/2022	Pass
Alkalinity as NH ₃	%	22241-2 Annex D	<0.2	0.07	MDC	5/20/2022	Pass
Biuret	%	22241-2 Annex E	<0.3	0.17	MDC	5/19/2022	Pass
Aldehyde	mg/kg	22241-2 Annex F	<5.0	<1.0	MDC	5/20/2022	Pass
Insolubles	mg/kg	22241-2 Annex G	<20	<2.0	JHC	5/20/2022	Pass
Aluminum by ICP-OES	mg/kg	22241-2 Annex I	<0.5	<0.05	SPT	5/23/2022	Pass
Calcium by ICP-OES	mg/kg	22241-2 Annex I	<0.5	<0.05	SPT	5/23/2022	Pass
Chromium by ICP-OES	mg/kg	22241-2 Annex I	<0.2	0.072	SPT	5/23/2022	Pass
Copper by ICP-OES	mg/kg	22241-2 Annex I	<0.2	<0.02	SPT	5/23/2022	Pass
Iron by ICP-OES	mg/kg	22241-2 Annex I	<0.5	<0.05	SPT	5/23/2022	Pass
Magnesium by ICP-OES	mg/kg	22241-2 Annex I	<0.5	<0.05	SPT	5/23/2022	Pass
Nickel by ICP-OES	mg/kg	22241-2 Annex I	<0.2	<0.02	SPT	5/23/2022	Pass
Phosphate by ICP-OES	mg/kg	22241-2 Annex I	<0.5	<0.25	SPT	5/23/2022	Pass
Potassium by ICP-OES	mg/kg	22241-2 Annex I	<0.5	<0.05	SPT	5/23/2022	Pass
Sodium by ICP-OES	mg/kg	22241-2 Annex I	<0.5	<0.05	SPT	5/23/2022	Pass
Zinc by ICP-OES	mg/kg	22241-2 Annex I	<0.2	<0.02	SPT	5/23/2022	Pass
	Mi	scellaneous Seco	ondary Unregula	ated Qualit	y Standards		

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Identify by FTIR (attached) ³	Spectra	22241-2 Annex J	Control Match	Match	JHC	5/23/2022	
Density @ 20degC	g/cm ³	3675	Not Applicable	1.0898	JHC	5/23/2022	

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

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Certification Approval

Date: 5/23/2022

Laboratory Director: Anthony J Scala

Enalytic DUNS Reg. Number: 02-636-0096



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	5/31/2022



Enalytic ID	E2205037-001
Batch Number	305202022M
Train Number	UTLX648232
Sample ID	DEF 32.5%
Date Sampled	5/20/2022
Date Received	5/24/2022
ISO 17025	Certificate Number: AT-2956

Certificate of Analysis

Diesel Exhaust Fluid Analytical ISO-22241

Client ID: 32.5% DEF Batch # 305202022M Train # UTLX648232

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	5/31/2022	Pass
Refractive Index @ 20degC	N _D ²⁰	22241-2 Annex C	1.3814-1.3843	1.3832	JHC	5/24/2022	Pass
Alkalinity as NH ₃	%	22241-2 Annex D	<0.2	0.06	MDC	5/26/2022	Pass
Biuret	%	22241-2 Annex E	<0.3	0.16	MDC	5/25/2022	Pass
Aldehyde	mg/kg	22241-2 Annex F	<5.0	<1.0	MDC	5/24/2022	Pass
Insolubles	mg/kg	22241-2 Annex G	<20	<2.0	JHC	5/25/2022	Pass
Aluminum by ICP-OES	mg/kg	22241-2 Annex I	<0.5	<0.05	DSD	5/31/2022	Pass
Calcium by ICP-OES	mg/kg	22241-2 Annex I	<0.5	<0.05	DSD	5/31/2022	Pass
Chromium by ICP-OES	mg/kg	22241-2 Annex I	<0.2	0.047	DSD	5/31/2022	Pass
Copper by ICP-OES	mg/kg	22241-2 Annex I	<0.2	0.037	DSD	5/31/2022	Pass
Iron by ICP-OES	mg/kg	22241-2 Annex I	<0.5	<0.05	DSD	5/31/2022	Pass
Magnesium by ICP-OES	mg/kg	22241-2 Annex I	<0.5	<0.05	DSD	5/31/2022	Pass
Nickel by ICP-OES	mg/kg	22241-2 Annex I	<0.2	<0.02	DSD	5/31/2022	Pass
Phosphate by ICP-OES	mg/kg	22241-2 Annex I	<0.5	<0.25	DSD	5/31/2022	Pass
Potassium by ICP-OES	mg/kg	22241-2 Annex I	<0.5	0.065	DSD	5/31/2022	Pass
Sodium by ICP-OES	mg/kg	22241-2 Annex I	<0.5	<0.05	DSD	5/31/2022	Pass
Zinc by ICP-OES	mg/kg	22241-2 Annex I	<0.2	<0.02	DSD	5/31/2022	Pass

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Identify by FTIR (attached) ³	Spectra	22241-2 Annex J	Control Match	Match	JHC	5/24/2022	
Density @ 20degC	g/cm ³	3675	Not Applicable	1.0898	JHC	5/26/2022	

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Certification Approval

Laboratory Director: Anthony J Scala

Date: 5/31/2022

Enalytic DUNS Reg. Number: 02-636-0096



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	5/31/2022



Enalytic ID	E2205037-002
Batch Number	305202022M2
Train Number	UTLX680554
Sample ID	DEF 32.5%
Date Sampled	5/20/2022
Date Received	5/24/2022
ISO 17025	Certificate Number: AT-2956

Certificate of Analysis

Diesel Exhaust Fluid Analytical ISO-22241

Client ID: 32.5% DEF Batch # 305202022M2 Train # UTLX680554

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	5/31/2022	Pass
Refractive Index @ 20degc	N _D ²⁰	22241-2 Annex C	1.3814-1.3843	1.3832	JHC	5/24/2022	Pass
Alkalinity as NH ₃	%	22241-2 Annex D	<0.2	0.07	MDC	5/26/2022	Pass
Biuret	%	22241-2 Annex E	<0.3	0.16	MDC	5/25/2022	Pass
Aldehyde	mg/kg	22241-2 Annex F	<5.0	<1.0	MDC	5/24/2022	Pass
Insolubles	mg/kg	22241-2 Annex G	<20	<2.0	JHC	5/25/2022	Pass
Aluminum by ICP-OES	mg/kg	22241-2 Annex I	<0.5	<0.05	DSD	5/31/2022	Pass
Calcium by ICP-OES	mg/kg	22241-2 Annex I	<0.5	<0.05	DSD	5/31/2022	Pass
Chromium by ICP-OES	mg/kg	22241-2 Annex I	<0.2	0.035	DSD	5/31/2022	Pass
Copper by ICP-OES	mg/kg	22241-2 Annex I	<0.2	<0.02	DSD	5/31/2022	Pass
Iron by ICP-OES	mg/kg	22241-2 Annex I	<0.5	<0.05	DSD	5/31/2022	Pass
Magnesium by ICP-OES	mg/kg	22241-2 Annex I	<0.5	<0.05	DSD	5/31/2022	Pass
Nickel by ICP-OES	mg/kg	22241-2 Annex I	<0.2	<0.02	DSD	5/31/2022	Pass
Phosphate by ICP-OES	mg/kg	22241-2 Annex I	<0.5	<0.25	DSD	5/31/2022	Pass
Potassium by ICP-OES	mg/kg	22241-2 Annex I	<0.5	<0.05	DSD	5/31/2022	Pass
Sodium by ICP-OES	mg/kg	22241-2 Annex I	<0.5	<0.05	DSD	5/31/2022	Pass
Zinc by ICP-OES	mg/kg	22241-2 Annex I	<0.2	<0.02	DSD	5/31/2022	Pass

			, ,				
Identify by FTIR (attached) ³	Spectra	22241-2 Annex J	Control Match	Match	JHC	5/24/2022	
Density @ 20degC	g/cm ³	3675	Not Applicable	1.0893	JHC	5/26/2022	

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Laboratory Director: Anthony J Scala

Date: 5/31/2022

Page 1 of 1

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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	6/2/2022



Enalytic ID	E2205050-001
Batch Number	305262022M
Train Number	TILX265570
Sample ID	DEF 32.5%
Date Sampled	5/26/2022
Date Received	5/31/2022
ISO 17025	Certificate Number: AT-2956

Certificate of Analysis

Diesel Exhaust Fluid Analytical ISO-22241 Client ID: 32.5% DEF Batch # 305262022M Train # TILX265570

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	6/2/2022	Pass
Refractive Index @ 20degC	N _D ²⁰	22241-2 Annex C	1.3814-1.3843	1.3827	JHC	5/31/2022	Pass
Alkalinity as NH ₃	%	22241-2 Annex D	<0.2	0.02	MDC	5/31/2022	Pass
Biuret	%	22241-2 Annex E	<0.3	0.13	MDC	6/2/2022	Pass
Aldehyde	mg/kg	22241-2 Annex F	<5.0	<1.0	MDC	6/1/2022	Pass
Insolubles	mg/kg	22241-2 Annex G	<20	<2.0	JHC	6/1/2022	Pass
Aluminum by ICP-OES	mg/kg	22241-2 Annex I	<0.5	<0.05	DSD	6/2/2022	Pass
Calcium by ICP-OES	mg/kg	22241-2 Annex I	<0.5	0.13	DSD	6/2/2022	Pass
Chromium by ICP-OES	mg/kg	22241-2 Annex I	<0.2	0.075	DSD	6/2/2022	Pass
Copper by ICP-OES	mg/kg	22241-2 Annex I	<0.2	0.075	DSD	6/2/2022	Pass
Iron by ICP-OES	mg/kg	22241-2 Annex I	<0.5	<0.05	DSD	6/2/2022	Pass
Magnesium by ICP-OES	mg/kg	22241-2 Annex I	<0.5	<0.05	DSD	6/2/2022	Pass
Nickel by ICP-OES	mg/kg	22241-2 Annex I	<0.2	0.025	DSD	6/2/2022	Pass
Phosphate by ICP-OES	mg/kg	22241-2 Annex I	<0.5	<0.25	DSD	6/2/2022	Pass
Potassium by ICP-OES	mg/kg	22241-2 Annex I	<0.5	0.11	DSD	6/2/2022	Pass
Sodium by ICP-OES	mg/kg	22241-2 Annex I	<0.5	<0.05	DSD	6/2/2022	Pass
Zinc by ICP-OES	mg/kg	22241-2 Annex I	<0.2	<0.02	DSD	6/2/2022	Pass

					-		
Identify by FTIR (attached) ³	Spectra	22241-2 Annex J	Control Match	Match	JHC	6/1/2022	
Density @ 20degC	g/cm ³	3675	Not Applicable	1.0888	JHC	6/2/2022	

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 extension 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.

Certification Approval

Laboratory Director: Anthony J Scala

Date: 6/2/2022

Enalytic DUNS Reg. Number: 02-636-0096



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	6/2/2022



Enalytic ID	E2205050-002
Batch Number	305272022P
Train Number	UTLX647896
Sample ID	DEF 32.5%
Date Sampled	5/27/2022
Date Received	5/31/2022
ISO 17025	Certificate Number: AT-2956

Certificate of Analysis

Diesel Exhaust Fluid Analytical ISO-22241

Client ID: 32.5% DEF Batch # 305272022P Train # UTLX647896

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	6/2/2022	Pass
Refractive Index @ 20degC	N _D ²⁰	22241-2 Annex C	1.3814-1.3843	1.3829	JHC	5/31/2022	Pass
Alkalinity as NH ₃	%	22241-2 Annex D	<0.2	0.10	MDC	5/31/2022	Pass
Biuret	%	22241-2 Annex E	<0.3	0.17	MDC	6/2/2022	Pass
Aldehyde	mg/kg	22241-2 Annex F	<5.0	<1.0	MDC	6/1/2022	Pass
Insolubles	mg/kg	22241-2 Annex G	<20	6.5	JHC	6/1/2022	Pass
Aluminum by ICP-OES	mg/kg	22241-2 Annex I	<0.5	<0.05	DSD	6/2/2022	Pass
Calcium by ICP-OES	mg/kg	22241-2 Annex I	<0.5	<0.05	DSD	6/2/2022	Pass
Chromium by ICP-OES	mg/kg	22241-2 Annex I	<0.2	0.035	DSD	6/2/2022	Pass
Copper by ICP-OES	mg/kg	22241-2 Annex I	<0.2	<0.02	DSD	6/2/2022	Pass
Iron by ICP-OES	mg/kg	22241-2 Annex I	<0.5	<0.05	DSD	6/2/2022	Pass
Magnesium by ICP-OES	mg/kg	22241-2 Annex I	<0.5	<0.05	DSD	6/2/2022	Pass
Nickel by ICP-OES	mg/kg	22241-2 Annex I	<0.2	<0.02	DSD	6/2/2022	Pass
Phosphate by ICP-OES	mg/kg	22241-2 Annex I	<0.5	<0.25	DSD	6/2/2022	Pass
Potassium by ICP-OES	mg/kg	22241-2 Annex I	<0.5	<0.05	DSD	6/2/2022	Pass
Sodium by ICP-OES	mg/kg	22241-2 Annex I	<0.5	<0.05	DSD	6/2/2022	Pass
Zinc by ICP-OES	mg/kg	22241-2 Annex I	<0.2	<0.02	DSD	6/2/2022	Pass
	Mi	scellaneous Seco	ondary Unregula	ated Qualit	y Standards		

					-		
Identify by FTIR (attached) ³	Spectra	22241-2 Annex J	Control Match	Match	JHC	6/1/2022	
Density @ 20degC	g/cm ³	3675	Not Applicable	1.0883	JHC	6/2/2022	

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

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Certification Approval

Laboratory Director: Anthony J Scala

Date: 6/2/2022

Enalytic DUNS Reg. Number: 02-636-0096