

Pace Analytical Life Sciences, LLC 1311 Helmo Avenue North Oakdale, MN 55128 Phone: (651) 738-2728

Workorder 17119892

PCCA Glycerin Testing Lot: C197253 Specification: Analysis Request Form, Provided 14 Jan 2021 Receipt Date: 14 Jan 2021 Report Date: 20 Jan 2021

Prepared For:

PCCA 9901 South Wilcrest Drive Houston, TX 77099

Project Manager:

Pace Analytical Life Sciences, LLC Phone: (651)738-2728 pacelabs.com

Analysis Performed	Analysis Date	Specification	Result
Glycerin USP (Natural) - C197	253, PLS Sample ID 171	19892001	
Identification B, USP Effective Date: Current	15 Jan 2021	Ethylene Glycol: ≤ 0.10% Diethylene Glycol: ≤ 0.10%	Complies: Ethylene Glycol: ≤ 0.10% Diethylene Glycol: None Detected

Testing was performed in compliance with cGMPs

Faling oiha

QA Review

20 JAN2021



Pace Analytical Life Sciences, LLC 1311 Helmo Avenue North Oakdale, MN 55128 Phone: (651) 738-2728

Workorder 17119892

PCCA Glycerin Testing Lot: C197110 Specification: Analysis Request Form, Provided 14 Jan 2021 Receipt Date: 14 Jan 2021 Report Date: 20 Jan 2021

Prepared For:

PCCA 9901 South Wilcrest Drive Houston, TX 77099

Project Manager:

Pace Analytical Life Sciences, LLC Phone: (651)738-2728 pacelabs.com

Analysis Performed	Analysis Date	Specification	Result
Glycerin USP (Natural) - C197	110, PLS Sample ID 171	19892002	
Identification B, USP Effective Date: Current	15 Jan 2021	Ethylene Glycol: ≤ 0.10% Diethylene Glycol: ≤ 0.10%	Complies: Ethylene Glycol: ≤ 0.10% Diethylene Glycol: None Detected

Testing was performed in compliance with cGMPs

Sabiha Fatina

QA Review

20 JAN 2021



Pace Analytical Life Sciences, LLC 1311 Helmo Avenue North Oakdale, MN 55128 Phone: (651) 738-2728

Workorder 17119892

PCCA Glycerin Testing Lot: C196662 Specification: Analysis Request Form, Provided 14 Jan 2021 Receipt Date: 14 Jan 2021 Report Date: 20 Jan 2021

Prepared For:

PCCA 9901 South Wilcrest Drive Houston, TX 77099

Project Manager:

Pace Analytical Life Sciences, LLC Phone: (651)738-2728 pacelabs.com

Analysis Performed	Analysis Date	Specification	Result
Glycerin USP (Natural) - C196	662, PLS Sample ID 171	19892003	
Identification B, USP Effective Date: Current	15 Jan 2021	Ethylene Glycol: ≤ 0.10% Diethylene Glycol: ≤ 0.10%	Complies: Ethylene Glycol: ≤ 0.10% Diethylene Glycol: None Detected

Testing was performed in compliance with cGMPs

Fating Sabiha

QA Review

20JAN 2021



Pace Analytical Life Sciences, LLC 1311 Helmo Avenue North Oakdale, MN 55128 Phone: (651) 738-2728

Workorder 17119892

PCCA Glycerin Testing Lot: C196652 Specification: Analysis Request Form, Provided 14 Jan 2021 Receipt Date: 14 Jan 2021 Report Date: 20 Jan 2021

Prepared For:

PCCA 9901 South Wilcrest Drive Houston, TX 77099

Pace Analytical Life Sciences, LLC Phone: (651)738-2728

Project Manager:

pacelabs.com

Analysis Performed	Analysis Date	Specification	Result
Glycerin USP (Natural) - C196	652, PLS Sample ID 171	19892004	•
Identification B, USP Effective Date: Current	15 Jan 2021	Ethylene Glycol: ≤ 0.10% Diethylene Glycol: ≤ 0.10%	Complies: Ethylene Glycol: ≤ 0.10% Diethylene Glycol: None Detected

Testing was performed in compliance with cGMPs

Sabiha Fating

QA Review

20 JAN 2021



Pace Analytical Life Sciences, LLC 1311 Helmo Avenue North Oakdale, MN 55128 Phone: (651) 738-2728

Workorder 17119892

PCCA Glycerin Testing Lot: C196452 Specification: Analysis Request Form, Provided 14 Jan 2021 Receipt Date: 14 Jan 2021 Report Date: 20 Jan 2021

Prepared For:

PCCA 9901 South Wilcrest Drive Houston, TX 77099

Pace Analytical Life Sciences, LLC Phone: (651)738-2728

Project Manager:

pacelabs.com

Analysis Performed	Analysis Date	Specification	Result
Glycerin USP (Natural) - C196	452, PLS Sample ID 171	19892005	
Identification B, USP Effective Date: Current	15 Jan 2021	Ethylene Glycol: ≤ 0.10% Diethylene Glycol: ≤ 0.10%	Complies: Ethylene Glycol: ≤ 0.10% Diethylene Glycol: None Detected

Testing was performed in compliance with cGMPs

Fatima Sabiha

QA Review

20 JAN 2021



Pace Analytical Life Sciences, LLC 1311 Helmo Avenue North Oakdale, MN 55128 Phone: (651) 738-2728

Workorder 17119892

PCCA Glycerin Testing Lot: C196204 Specification: Analysis Request Form, Provided 14 Jan 2021 Receipt Date: 14 Jan 2021 Report Date: 20 Jan 2021

Prepared For:

PCCA 9901 South Wilcrest Drive Houston, TX 77099

Project Manager:

Pace Analytical Life Sciences, LLC Phone: (651)738-2728 pacelabs.com

Analysis Performed	Analysis Date	Specification	Result
Glycerin USP (Natural) - C196	204, PLS Sample ID 171	19892006	
Identification B, USP Effective Date: Current	15 Jan 2021	Ethylene Glycol: ≤ 0.10% Diethylene Glycol: ≤ 0.10%	Complies: Ethylene Glycol: ≤ 0.10% Diethylene Glycol: None Detected

Testing was performed in compliance with cGMPs

Fating Sabiha

QA Review

20 JAN 2021



Pace Analytical Life Sciences, LLC 1311 Helmo Avenue North Oakdale, MN 55128 Phone: (651) 738-2728

Workorder 17119892

PCCA Glycerin Testing Lot: C195947 Specification: Analysis Request Form, Provided 14 Jan 2021 Receipt Date: 14 Jan 2021 Report Date: 20 Jan 2021

Project Manager:

Prepared For:

PCCA 9901 South Wilcrest Drive

Pace Analytical Life Sciences, LLC Phone: (651)738-2728 pacelabs.com

Analysis Performed	Analysis Date	Specification	Result
Glycerin USP (Natural) - C195	947, PLS Sample ID 171	19892007	
Identification B, USP Effective Date: Current	15 Jan 2021	Ethylene Glycol: ≤ 0.10% Diethylene Glycol: ≤ 0.10%	Complies: Ethylene Glycol: ≤ 0.10% Diethylene Glycol: None Detected

Testing was performed in compliance with cGMPs

Houston, TX 77099

Sabiha Fatima

QA Review

20 JAN 2021



Pace Analytical Life Sciences, LLC 1311 Helmo Avenue North Oakdale, MN 55128 Phone: (651) 738-2728

Workorder 17119892

PCCA Glycerin Testing Lot: C195640 Specification: Analysis Request Form, Provided 14 Jan 2021 Receipt Date: 14 Jan 2021 Report Date: 20 Jan 2021

Project Manager:

Prepared For:

PCCA 9901 South Wilcrest Drive Houston, TX 77099

Pace Analytical Life Sciences, LLC Phone: (651)738-2728 pacelabs.com

Analysis Performed	Analysis Date	Specification	Result
Glycerin USP (Natural) - C195	640, PLS Sample ID 171	19892008	
Identification B, USP Effective Date: Current	15 Jan 2021	Ethylene Glycol: ≤ 0.10% Diethylene Glycol: ≤ 0.10%	Complies: Ethylene Glycol: ≤ 0.10% Diethylene Glycol: None Detected

Testing was performed in compliance with cGMPs

Sabiha Fatima

20 JAN 2021

Date

QA Review



Pace Analytical Life Sciences, LLC 1311 Helmo Avenue North Oakdale, MN 55128 Phone: (651) 738-2728

Workorder 17119892

PCCA Glycerin Testing Lot: C195624 Specification: Analysis Request Form, Provided 14 Jan 2021 Receipt Date: 14 Jan 2021 Report Date: 20 Jan 2021

Project Manager:

Prepared For:

PCCA 9901 South Wilcrest Drive Houston, TX 77099

Pace Analytical Life Sciences, LLC Phone: (651)738-2728 pacelabs.com

Analysis Performed	Analysis Date	Specification	Result
Glycerin USP (Natural) - C195	624, PLS Sample ID 171	19892009	
Identification B, USP Effective Date: Current	15 Jan 2021	Ethylene Glycol: ≤ 0.10% Diethylene Glycol: ≤ 0.10%	Complies: Ethylene Glycol: ≤ 0.10% Diethylene Glycol: None Detected

Testing was performed in compliance with cGMPs

Sabiha Fating

QA Review

20 JAN 2021



Pace Analytical Life Sciences, LLC 1311 Helmo Avenue North Oakdale, MN 55128 Phone: (651) 738-2728

Workorder 17119892

PCCA Glycerin Testing Lot: C195353 Specification: Analysis Request Form, Provided 14 Jan 2021 Receipt Date: 14 Jan 2021 Report Date: 20 Jan 2021

Prepared For:

PCCA 9901 South Wilcrest Drive Houston, TX 77099

Project Manager:

Pace Analytical Life Sciences, LLC Phone: (651)738-2728 pacelabs.com

Analysis Performed	Analysis Date	Specification	Result
Glycerin USP (Natural) - C195	353, PLS Sample ID 171	19892010	•
Identification B, USP Effective Date: Current	15 Jan 2021	Ethylene Glycol: ≤ 0.10% Diethylene Glycol: ≤ 0.10%	Complies: Ethylene Glycol: ≤ 0.10% Diethylene Glycol: None Detected

Testing was performed in compliance with cGMPs

Sabiha Fatima

QA Review

20 JAN 2021 Date



Pace Analytical Life Sciences, LLC 1311 Helmo Avenue North Oakdale, MN 55128 Phone: (651) 738-2728

Workorder 17119892

PCCA Glycerin Testing Lot: C195330 Specification: Analysis Request Form, Provided 14 Jan 2021 Receipt Date: 14 Jan 2021 Report Date: 20 Jan 2021

Prepared For:

Project Manager:

PCCA 9901 South Wilcrest Drive Houston, TX 77099

Pace Analytical Life Sciences, LLC Phone: (651)738-2728 pacelabs.com

Analysis Performed	Analysis Date	Specification	Result
Glycerin USP (Natural) - C195	330, PLS Sample ID 171	19892011	_
Identification B, USP Effective Date: Current	15 Jan 2021	Ethylene Glycol: ≤ 0.10% Diethylene Glycol: ≤ 0.10%	Complies: Ethylene Glycol: ≤ 0.10% Diethylene Glycol: None Detected

Testing was performed in compliance with cGMPs

Fatima Sabiha

QA Review

20 JAN 2021



Pace Analytical Life Sciences, LLC 1311 Helmo Avenue North Oakdale, MN 55128 Phone: (651) 738-2728

Workorder 17119892

PCCA Glycerin Testing Lot: C195039 Specification: Analysis Request Form, Provided 14 Jan 2021 Receipt Date: 14 Jan 2021 Report Date: 20 Jan 2021

Prepared For:

Project Manager:

PCCA 9901 South Wilcrest Drive Houston, TX 77099 Pace Analytical Life Sciences, LLC Phone: (651)738-2728 pacelabs.com

Analysis Performed	Analysis Date	Specification	Result
Glycerin USP (Natural) - C195	039, PLS Sample ID 171	19892012	
Identification B, USP Effective Date: Current	15 Jan 2021	Ethylene Glycol: ≤0.10% Diethylene Glycol: ≤ 0.10%	Complies: Ethylene Glycol: ≤ 0.10% Diethylene Glycol: None Detected

Testing was performed in compliance with cGMPs

Sabiha

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20 JAN 2021

Date

QA Review



Pace Analytical Life Sciences, LLC 1311 Helmo Avenue North Oakdale, MN 55128 Phone: (651) 738-2728

Workorder 17119892

PCCA Glycerin Testing Lot: C194522 Specification: Analysis Request Form, Provided 14 Jan 2021 Receipt Date: 14 Jan 2021 Report Date: 20 Jan 2021

Prepared For:

PCCA 9901 South Wilcrest Drive Houston, TX 77099

Project Manager:

Kacie Kubat Pace Analytical Life Sciences, LLC Phone: (651)738-2728 pacelabs.com

Analysis Performed	Analysis Date	Specification	Result
Glycerin USP (Natural) - C194	522, PLS Sample ID 171	19892013	
Identification B, USP Effective Date: Current	15 Jan 2021	Ethylene Glycol: ≤ 0.10% Diethylene Glycol: ≤ 0.10%	Complies: Ethylene Glycol: ≤ 0.10% Diethylene Glycol: None Detected

Testing was performed in compliance with cGMPs

Fatima Salsiha

QA Review

20 JAN 2021



Pace Analytical Life Sciences, LLC 1311 Helmo Avenue North Oakdale, MN 55128 Phone: (651) 738-2728

Workorder 17119892

PCCA Glycerin Testing Lot: C194471 Specification: Analysis Request Form, Provided 14 Jan 2021 Receipt Date: 14 Jan 2021 Report Date: 20 Jan 2021

Prepared For:

PCCA 9901 South Wilcrest Drive Houston, TX 77099

Project Manager:

Pace Analytical Life Sciences, LLC Phone: (651)738-2728 pacelabs.com

Analysis Performed	Analysis Date	Specification	Result
Glycerin USP (Natural) - C194	471, PLS Sample ID 171	19892014	
Identification B, USP Effective Date: Current	15 Jan 2021	Ethylene Glycol: ≤ 0.10% Diethylene Glycol: ≤ 0.10%	Complies: Ethylene Glycol: ≤ 0.10% Diethylene Glycol: None Detected

Testing was performed in compliance with cGMPs

Fatima Sabiha

20 JAN2021

Date

QA Review



Pace Analytical Life Sciences, LLC 1311 Helmo Avenue North Oakdale, MN 55128 Phone: (651) 738-2728

Workorder 17119892

PCCA Glycerin Testing Lot: C194214 Specification: Analysis Request Form, Provided 14 Jan 2021 Receipt Date: 14 Jan 2021 Report Date: 20 Jan 2021

Prepared For:

PCCA 9901 South Wilcrest Drive Houston, TX 77099 Pace Analytical Life Sciences, LLC Phone: (651)738-2728 pacelabs.com

Project Manager:

Analysis Performed	Analysis Date	Specification	Result
Glycerin USP (Natural) - C194	214, PLS Sample ID 171	19892015	
Identification B, USP Effective Date: Current	15 Jan 2021	Ethylene Glycol: ≤ 0.10% Diethylene Glycol: ≤ 0.10%	Complies: Ethylene Glycol: ≤ 0.10% Diethylene Glycol: None Detected

Testing was performed in compliance with cGMPs

Fating abiha

QA Review

20 JAN 2021



Pace Analytical Life Sciences, LLC 1311 Helmo Avenue North Oakdale, MN 55128 Phone: (651) 738-2728

Workorder 17119892

PCCA Glycerin Testing Lot: C193848 Specification: Analysis Request Form, Provided 14 Jan 2021 Receipt Date: 14 Jan 2021 Report Date: 20 Jan 2021

Prepared For:

PCCA 9901 South Wilcrest Drive Houston, TX 77099

Project Manager:

Pace Analytical Life Sciences, LLC Phone: (651)738-2728 pacelabs.com

Analysis Performed	Analysis Date	Specification	Result
Glycerin USP (Natural) - C193	848, PLS Sample ID 171	19892016	
Identification B, USP Effective Date: Current	15 Jan 2021	Ethylene Glycol: ≤ 0.10% Diethylene Glycol: ≤ 0.10%	Complies: Ethylene Glycol: ≤ 0.10% Diethylene Glycol: None Detected

Testing was performed in compliance with cGMPs

Fating salsiha

20 JAN 2021

QA Review



Pace Analytical Life Sciences, LLC 1311 Helmo Avenue North Oakdale, MN 55128 Phone: (651) 738-2728

Workorder 17119892

PCCA Glycerin Testing Lot: C193686 Specification: Analysis Request Form, Provided 14 Jan 2021 Receipt Date: 14 Jan 2021 Report Date: 20 Jan 2021

Prepared For:

PCCA 9901 South Wilcrest Drive Houston, TX 77099

Project Manager:

Pace Analytical Life Sciences, LLC Phone: (651)738-2728 pacelabs.com

Analysis Performed	Analysis Date	Specification	Result
Glycerin USP (Natural) - C193	686, PLS Sample ID 171	19892017	
Identification B, USP Effective Date: Current	15 Jan 2021	Ethylene Glycol: ≤ 0.10% Diethylene Glycol: ≤ 0.10%	Complies: Ethylene Glycol: ≤ 0.10% Diethylene Glycol: None Detected

Testing was performed in compliance with cGMPs

Falina Sabiha

QA Review

20 JAN 2021 Date



Pace Analytical Life Sciences, LLC 1311 Helmo Avenue North Oakdale, MN 55128 Phone: (651) 738-2728

Workorder 17119892

PCCA Glycerin Testing Lot: C193585 Specification: Analysis Request Form, Provided 14 Jan 2021 Receipt Date: 14 Jan 2021 Report Date: 20 Jan 2021

Prepared For:

Project Manager:

PCCA 9901 South Wilcrest Drive Houston, TX 77099 Pace Analytical Life Sciences, LLC Phone: (651)738-2728 pacelabs.com

Analysis Performed	Analysis Date	Specification	Result
Glycerin USP (Natural) - C193	585, PLS Sample ID 171	19892018	
Identification B, USP Effective Date: Current	15 Jan 2021	Ethylene Glycol: ≤ 0.10% Diethylene Glycol: ≤ 0.10%	Complies: Ethylene Glycol: ≤ 0.10% Diethylene Glycol: None Detected

Testing was performed in compliance with cGMPs

Sabiha Fatima

QA Review

20 JAN 2021



Pace Analytical Life Sciences, LLC 1311 Helmo Avenue North Oakdale, MN 55128 Phone: (651) 738-2728

Workorder 17119892

PCCA Glycerin Testing Lot: C193395 Specification: Analysis Request Form, Provided 14 Jan 2021 Receipt Date: 14 Jan 2021 Report Date: 20 Jan 2021

Prepared For:

Project Manager:

PCCA 9901 South Wilcrest Drive Houston, TX 77099

Pace Analytical Life Sciences, LLC Phone: (651)738-2728 pacelabs.com

Analysis Performed	Analysis Date	Specification	Result
Glycerin USP (Natural) - C193	395, PLS Sample ID 171	19892019	
Identification B, USP Effective Date: Current	15 Jan 2021	Ethylene Glycol: ≤ 0.10% Diethylene Glycol: ≤ 0.10%	Complies: Ethylene Glycol: ≤ 0.10% Diethylene Glycol: None Detected

Testing was performed in compliance with cGMPs

Fating Sabiha

QA Review

20 JAN 2021



Pace Analytical Life Sciences, LLC 1311 Helmo Avenue North Oakdale, MN 55128 Phone: (651) 738-2728

Workorder 17119892

PCCA Glycerin Testing Lot: C193218 Specification: Analysis Request Form, Provided 14 Jan 2021 Receipt Date: 14 Jan 2021 Report Date: 20 Jan 2021

Prepared For:

Project Manager:

PCCA 9901 South Wilcrest Drive Houston, TX 77099 Pace Analytical Life Sciences, LLC Phone: (651)738-2728 pacelabs.com

Analysis Performed	Analysis Date	Specification	Result
Glycerin USP (Natural) - C193	218, PLS Sample ID 171	19892020	
Identification B, USP Effective Date: Current	15 Jan 2021	Ethylene Glycol: ≤ 0.10% Diethylene Glycol: ≤ 0.10%	Complies: Ethylene Glycol: ≤ 0.10% Diethylene Glycol: None Detected

Testing was performed in compliance with cGMPs

Sabiha

Fatina

20 JAN 2021

Date

QA Review



Pace Analytical Life Sciences, LLC 1311 Helmo Avenue North Oakdale, MN 55128 Phone: (651) 738-2728

Workorder 17119892

PCCA Glycerin Testing Lot: C193014 Specification: Analysis Request Form, Provided 14 Jan 2021 Receipt Date: 14 Jan 2021 Report Date: 20 Jan 2021

Prepared For:

PCCA 9901 South Wilcrest Drive Houston, TX 77099

Project Manager:

Pace Analytical Life Sciences, LLC Phone: (651)738-2728 Kacie.Kubat@pacelabs.com

Analysis Performed	Analysis Date	Specification	Result
Glycerin USP (Natural) - C193	014, PLS Sample ID 171	19892021	
Identification B, USP Effective Date: Current	15 Jan 2021	Ethylene Glycol: ≤ 0.10% Diethylene Glycol: ≤ 0.10%	Complies: Ethylene Glycol: ≤ 0.10% Diethylene Glycol: None Detected

Testing was performed in compliance with cGMPs

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QA Review

20 JAN 2021 Date



Pace Analytical Life Sciences, LLC 1311 Helmo Avenue North Oakdale, MN 55128 Phone: (651) 738-2728

Workorder 17119892

PCCA Glycerin Testing Lot: C192921 Specification: Analysis Request Form, Provided 14 Jan 2021 Receipt Date: 14 Jan 2021 Report Date: 20 Jan 2021

Prepared For:

PCCA 9901 South Wilcrest Drive Houston, TX 77099

Pace Analytical Life Sciences, LLC Phone: (651)738-2728

Project Manager:

pacelabs.com

Analysis Performed	Analysis Date	Specification	Result
Glycerin USP (Natural) - C192	921, PLS Sample ID 171	19892022	•
Identification B, USP Effective Date: Current	15 Jan 2021	Ethylene Glycol: ≤ 0.10% Diethylene Glycol: ≤ 0.10%	Complies: Ethylene Glycol: None Detected Diethylene Glycol: None Detected

Testing was performed in compliance with cGMPs

Fating riha

QA Review

20 JAN 2021



Pace Analytical Life Sciences, LLC 1311 Helmo Avenue North Oakdale, MN 55128 Phone: (651) 738-2728

Workorder 17119892

PCCA Glycerin Testing Lot: C192541 Specification: Analysis Request Form, Provided 14 Jan 2021 Receipt Date: 14 Jan 2021 Report Date: 20 Jan 2021

Prepared For:

PCCA 9901 South Wilcrest Drive Houston, TX 77099

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Project Manager:

Pace Analytical Life Sciences, LLC Phone: (651)738-2728 pacelabs.com

Analysis Performed	Analysis Date	Specification	Result
Glycerin USP (Natural) - C192	541, PLS Sample ID 171	19892023	•
Identification B, USP Effective Date: Current	15 Jan 2021	Ethylene Glycol: ≤ 0.10% Diethylene Glycol: ≤ 0.10%	Complies: Ethylene Glycol: ≤ 0.10% Diethylene Glycol: None Detected

Testing was performed in compliance with cGMPs

Fatima nehiha

QA Review

20 JAN 2021



Pace Analytical Life Sciences, LLC 1311 Helmo Avenue North Oakdale, MN 55128 Phone: (651) 738-2728

Workorder 17119892

PCCA Glycerin Testing Lot: C192201 Specification: Analysis Request Form, Provided 14 Jan 2021 Receipt Date: 14 Jan 2021 Report Date: 20 Jan 2021

Prepared For:

Project Manager:

PCCA 9901 South Wilcrest Drive Houston, TX 77099 Pace Analytical Life Sciences, LLC Phone: (651)738-2728 pacelabs.com

Analysis Performed	Analysis Date	Specification	Result
Glycerin USP (Natural) - C192	201, PLS Sample ID 171	19892024	
Identification B, USP Effective Date: Current	15 Jan 2021	Ethylene Glycol: ≤ 0.10% Diethylene Glycol: ≤ 0.10%	Complies: Ethylene Glycol: ≤ 0.10% Diethylene Glycol: None Detected

Testing was performed in compliance with cGMPs

Fating Sabiha

QA Review

20 JAN 2021