

Matrix Spike Summary

Client:	Mars Chocolate North America, LLC	SDG No.:	Q1070
Project:	W.T.P. Final Effluent 2025	Sample ID:	Q1061-01
Client ID:	MW-1MS	Percent Solids for Spike Sample:	0

Analyte	Units	Acceptance Limit %R	Spiked Result	Conc. Qualifier	Sample Result	Conc. Qualifier	Spike Added	Dilution Factor	% Rec	Qual	Analysis Date
Phosphorus, Total	mg/L	90-110	0.73		0.26		0.5	1	94		01/15/2025

Matrix Spike Summary

Client:	Mars Chocolate North America, LLC	SDG No.:	Q1070
Project:	W.T.P. Final Effluent 2025	Sample ID:	Q1061-01
Client ID:	MW-1MSD	Percent Solids for Spike Sample:	0

Analyte	Units	Acceptance Limit %R	Spiked Result	Conc. Qualifier	Sample Result	Conc. Qualifier	Spike Added	Dilution Factor	% Rec	Qual	Analysis Date
Phosphorus, Total	mg/L	90-110	0.72		0.26		0.5	1	93		01/15/2025

Matrix Spike Summary

Client:	Mars Chocolate North America, LLC	SDG No.:	Q1070
Project:	W.T.P. Final Effluent 2025	Sample ID:	Q1070-01
Client ID:	1 EFFLUENT COMPOSITES	Percent Solids for Spike Sample:	0

Analyte	Units	Acceptance Limit %R	Spiked Result	Conc. Qualifier	Sample Result	Conc. Qualifier	Spike Added	Dilution Factor	% Rec	Qual	Analysis Date
COD	mg/L	75-125	173		134		50.0	1	78		01/16/2025
Ammonia as N	mg/L	75-125	76.7		27.4		50	1	99		01/16/2025

Matrix Spike Summary

Client:	Mars Chocolate North America, LLC	SDG No.:	Q1070
Project:	W.T.P. Final Effluent 2025	Sample ID:	Q1070-01
Client ID:	1 EFFLUENT COMPOSITMSD	Percent Solids for Spike Sample:	0

Analyte	Units	Acceptance Limit %R	Spiked Result	Conc. Qualifier	Sample Result	Conc. Qualifier	Spike Added	Dilution Factor	% Rec	Qual	Analysis Date
COD	mg/L	75-125	175		134		50.0	1	82		01/16/2025
Ammonia as N	mg/L	75-125	74.2		27.4		50	1	94		01/16/2025

Matrix Spike Summary

Client:	Mars Chocolate North America, LLC	SDG No.:	Q1070
Project:	W.T.P. Final Effluent 2025	Sample ID:	Q1070-02
Client ID:	2 EFFLUENT GRABMS	Percent Solids for Spike Sample:	0

Analyte	Units	Acceptance Limit %R	Spiked Result	Conc. Qualifier	Sample Result	Conc. Qualifier	Spike Added	Dilution Factor	% Rec	Qual	Analysis Date
Oil and Grease	mg/L	78-114	21.0		1.30	J	20.0	1	98		01/16/2025

Matrix Spike Summary

Client:	Mars Chocolate North America, LLC	SDG No.:	Q1070
Project:	W.T.P. Final Effluent 2025	Sample ID:	Q1070-02
Client ID:	2 EFFLUENT GRABMSD	Percent Solids for Spike Sample:	0

Analyte	Units	Acceptance Limit %R	Spiked Result	Conc. Qualifier	Sample Result	Conc. Qualifier	Spike Added	Dilution Factor	% Rec	Qual	Analysis Date
Oil and Grease	mg/L	78-114	20.8		1.30	J	20.0	1	98		01/16/2025

Matrix Spike Summary

Client:	Mars Chocolate North America, LLC	SDG No.:	Q1070
Project:	W.T.P. Final Effluent 2025	Sample ID:	Q1101-01
Client ID:	EFFLUENTMS	Percent Solids for Spike Sample:	0

Analyte	Units	Acceptance Limit %R	Spiked Result	Conc. Qualifier	Sample Result	Conc. Qualifier	Spike Added	Dilution Factor	% Rec	Qual	Analysis Date
Oil and Grease	mg/L	78-114	33.4		13.4		20.0	1	100		01/16/2025

Matrix Spike Summary

Client:	Mars Chocolate North America, LLC	SDG No.:	Q1070
Project:	W.T.P. Final Effluent 2025	Sample ID:	Q1101-01
Client ID:	EFFLUENTMSD	Percent Solids for Spike Sample:	0

Analyte	Units	Acceptance Limit %R	Spiked Result	Conc. Qualifier	Sample Result	Conc. Qualifier	Spike Added	Dilution Factor	% Rec	Qual	Analysis Date
Oil and Grease	mg/L	78-114	33.0		13.4		20.0	1	98		01/16/2025