



Quality Control Report

LAFAYETTE LABORATORY
500 AMBASSADOR CAFFERY PARKWAY
SCOTT, LA 70583
(337) 237-4775

SUNOCO, INC
ACTON, MA

Analysis: Nitrite (as N)
Method: M4500-NO2 B

WorkOrder: 08031008
Lab Batch ID: R175206

Method Blank

Samples in Analytical Batch:

RunID: WET\_080325ZE-2575622 Units: mg/L
Analysis Date: 03/25/2008 12:30 Analyst: CJD

Lab Sample ID Client Sample ID
08031008-05F MW-3D
08031008-06F GES-4

Table with 3 columns: Analyte, Result, Rep Limit. Row: Nitrite (as N), ND <, 0.010

Laboratory Control Sample (LCS)

RunID: WET\_080325ZE-2575623 Units: mg/L
Analysis Date: 03/25/2008 12:30 Analyst: CJD

Table with 6 columns: Analyte, Spike Added, Result, Percent Recovery, Lower Limit, Upper Limit. Row: Nitrite (as N), 0.03500, 0.03500, 100.0, 90, 110

Matrix Spike (MS) / Matrix Spike Duplicate (MSD)

Sample Spiked: 08031008-05
RunID: WET\_080325ZE-2575625 Units: mg/L
Analysis Date: 03/25/2008 12:30 Analyst: CJD

Table with 12 columns: Analyte, Sample Result, MS Spike Added, MS Result, MS % Recovery, MSD Spike Added, MSD Result, MSD % Recovery, RPD, RPD Limit, Low Limit, High Limit. Row: Nitrite (as N), ND <, 0.035, 0.03700, 105.7, 0.035, 0.03500, 100.0, 5.556, 20, 80, 120

Qualifiers: ND/U - Not Detected at the Reporting Limit MI - Matrix Interference
B/V - Analyte detected in the associated Method Blank D - Recovery Unreportable due to Dilution
J - Estimated value between MDL and PQL \* - Recovery Outside Advisable QC Limits
E - Estimated Value exceeds calibration curve
N/C - Not Calculated - Sample concentration is greater than 4 times the amount of spike added. Control limits do not apply.
TNTC - Too numerous to count

QC results presented on the QC Summary Report have been rounded. RPD and percent recovery values calculated by the SPL LIMS system are derived from QC data prior to the application of rounding rules.



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SUNOCO, INC
ACTON, MA

Analysis: Nitrate (as N)
Method: M4500-NO3 E

WorkOrder: 08031008
Lab Batch ID: R175671

Method Blank

Samples in Analytical Batch:

RunID: WET\_0803310-2584609 Units: mg/L
Analysis Date: 03/31/2008 9:30 Analyst: KRR

Lab Sample ID Client Sample ID
08031008-05F MW-3D
08031008-06F GES-4

Table with 3 columns: Analyte, Result, Rep Limit. Row: Nitrate (As N), ND <, 0.010

Laboratory Control Sample/Laboratory Control Sample Duplicate (LCS/LCSD)

RunID: WET\_0803310-2584610 Units: mg/L
Analysis Date: 03/31/2008 9:30 Analyst: KRR

Table with 11 columns: Analyte, LCS Spike Added, LCS Result, LCS Percent Recovery, LCSD Spike Added, LCSD Result, LCSD Percent Recovery, RPD, RPD Limit, Lower Limit, Upper Limit. Row: Nitrate (As N), 0.1500, 0.1420, 94.67, 0.1500, 0.1540, 102.7, 8.1, 20, 90, 110

Matrix Spike (MS) / Matrix Spike Duplicate (MSD)

Sample Spiked: 08031008-05
RunID: WET\_0803310-2584613 Units: mg/L
Analysis Date: 03/31/2008 9:30 Analyst: KRR

Table with 12 columns: Analyte, Sample Result, MS Spike Added, MS Result, MS % Recovery, MSD Spike Added, MSD Result, MSD % Recovery, RPD, RPD Limit, Low Limit, High Limit. Row: Nitrate (As N), 0.01500, 0.15, 0.1590, 96.00, 0.15, 0.1650, 100.0, 3.704, 20, 80, 120

Qualifiers: ND/U - Not Detected at the Reporting Limit MI - Matrix Interference
B/V - Analyte detected in the associated Method Blank D - Recovery Unreportable due to Dilution
J - Estimated value between MDL and PQL \* - Recovery Outside Advisable QC Limits
E - Estimated Value exceeds calibration curve
N/C - Not Calculated - Sample concentration is greater than 4 times the amount of spike added. Control limits do not apply.
TNTC - Too numerous to count

QC results presented on the QC Summary Report have been rounded. RPD and percent recovery values calculated by the SPL LIMS system are derived from QC data prior to the application of rounding rules.