CHEMTECH

Analytical Summary Report

Analysis Method: 9034
Parameter: Sulfide
Run Number: LB107882

ANALYST: Alexander
SUPERVISOR REVIEW BY: apatel
Constant: 16000
Normality1: 0.025
Normality2: 0.025

Reagent/Standard	Lot/Log #
Sodium thiosulfate titrant 0.025N	WP81413
IODINE SOLUTION .025N 1L	W2508
Starch Solution, 4L	W2379

Seq	Lab ID	True Value (mg/L)	DF	Initial Weight (g)	Final Volume (mL)	T1 (mL)	T2 Initial	T2 Final	T2 Diff. (mL)	T1 - T2 Diff (mL)	Value Corrected With Blank	Result (ppm)	AnalDate	Anal Time
1	PB126961BL		1	5.07	50	5.00	0.00	4.84	4.84	0.16	0.00	0.00	02/20/2020	15:20
2	PB126961BS	250	1	5.02	50	5.00	4.84	7.12	2.28	2.72	2.56	203.98	02/20/2020	15:22
3	L1596-01		1	5.02	50	5.00	0.00	4.50	4.50	0.50	0.34	27.09	02/20/2020	15:27
4	L1596-01DUP		1	5.06	50	5.00	4.50	9.04	4.54	0.46	0.30	23.72	02/20/2020	15:30
5	L1596-01MS	250	1	5.08	50	5.00	0.00	2.22	2.22	2.78	2.62	206.30	02/20/2020	15:34
6	L1596-01MSD	250	1	5.08	50	5.00	2.22	4.42	2.20	2.80	2.64	207.87	02/20/2020	15:36

T1 = Titrant1

T2 = Titrant2

T2 Diff = T2 Final - T2 Initial

Value Corrected With Blank = ((T1 - T2 Diff) - Blank Correction(BL))

Result = ((T1 * Normality1) - ((T1 - Value Corrected With Blank) * Normality2)) * Constant / Initial Volume