

Analysis Method: 9034
 Parameter: Sulfide
 Run Number: LB100264

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

Reagent/Standard	Lot/Log #
Sodium thiosulfate titrant 0.025N	WP69572
IODINE SOLUTION .025N 1L	W2410
Starch Solution, 4L	W2277

Seq	Lab ID	True Value (mg/L)	DF	Initial Volume (mL)	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	PB116336BL		1	50	50	5.00	0.00	4.90	4.90	0.10	0.00	0.00	01/11/2019	14:09
2	PB116336BS	25	1	50	50	5.00	3.40	5.70	2.30	2.70	2.60	20.80	01/11/2019	14:09
3	K1089-01		1	50	50	5.00	0.00	4.30	4.30	0.70	0.60	4.80	01/11/2019	14:10
4	K1089-01DUP		1	50	50	5.00	4.30	8.62	4.32	0.68	0.58	4.64	01/11/2019	14:10
5	K1089-01MS	25	1	50	50	5.00	4.30	7.50	3.20	1.80	1.70	13.60	01/11/2019	14:11
6	K1089-01MSD	25	1	50	50	5.00	0.00	3.18	3.18	1.82	1.72	13.76	01/11/2019	14:12
7	K1089-03		1	50	50	5.00	0.00	3.80	3.80	1.20	1.10	8.80	01/11/2019	14:13
8	K1089-05		1	50	50	5.00	0.00	3.80	3.80	1.20	1.10	8.80	01/11/2019	14:13
9	K1089-07		1	50	50	5.00	3.80	8.10	4.30	0.70	0.60	4.80	01/11/2019	14:15
10	K1089-09		1	50	50	5.00	0.00	4.10	4.10	0.90	0.80	6.40	01/11/2019	14:16
11	K1089-11		1	50	50	5.00	4.10	8.50	4.40	0.60	0.50	4.00	01/11/2019	14:17

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

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12	K1089-13		1	50	50	5.00	0.00	3.86	3.86	1.14	1.04	8.32	01/11/2019	14:17
13	K1089-15		1	50	50	5.00	3.86	8.20	4.34	0.66	0.56	4.48	01/11/2019	14:18
14	K1089-17		1	50	50	5.00	0.00	4.40	4.40	0.60	0.50	4.00	01/11/2019	14:19
15	K1089-19		1	50	50	5.00	4.40	8.20	3.80	1.20	1.10	8.80	01/11/2019	14:20
16	K1089-21		1	50	50	5.00	0.00	4.40	4.40	0.60	0.50	4.00	01/11/2019	14:21
17	K1089-23		1	50	50	5.00	4.40	8.80	4.40	0.60	0.50	4.00	01/11/2019	14:22

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