

Analysis Method: 9034

ANALYST: ketankumar

Parameter: Reactive Sulfide

SUPERVISOR REVIEW BY: apatel

Run Number: LB100558

Constant: 16000

Normality1: 0.025

Normality2: 0.025

Reagent/Standard	Lot/Log #
Sodium thiosulfate titrant 0.025N	WP70959
IODINE SOLUTION .025N 1L	W2410
Starch Solution, 4L	W2277

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)	Anal Date	Anal Time
1	PB116730BL		1	5.02	50	2.00	0.00	1.90	1.90	0.10	0.00	0.00	01/30/2019	14:02
2	K1271-01		1	5.03	50	2.00	1.90	3.80	1.90	0.10	0.00	0.00	01/30/2019	14:05
3	K1271-01DUP		1	5.03	50	2.00	3.80	5.68	1.88	0.12	0.02	1.59	01/30/2019	14:08
4	K1276-01		1	5.00	50	2.00	0.00	1.80	1.80	0.20	0.10	8.00	01/30/2019	14:12
5	K1282-04		1	5.05	50	2.00	1.80	3.56	1.76	0.24	0.14	11.09	01/30/2019	14:15
6	K1282-08		1	5.06	50	2.00	3.56	5.28	1.72	0.28	0.18	14.23	01/30/2019	14:18
7	K1282-12		1	5.02	50	2.00	5.28	7.12	1.84	0.16	0.06	4.78	01/30/2019	14:22
8	K1282-16		1	5.01	50	2.00	7.12	8.90	1.78	0.22	0.12	9.58	01/30/2019	14:25
9	K1282-20		1	5.02	50	2.00	0.00	1.88	1.88	0.12	0.02	1.59	01/30/2019	14:28
10	K1282-24		1	5.03	50	2.00	1.88	3.70	1.82	0.18	0.08	6.36	01/30/2019	14:32
11	K1282-28		1	5.05	50	2.00	3.70	5.26	1.56	0.44	0.34	26.93	01/30/2019	14:35
12	K1282-32		1	5.01	50	2.00	5.26	6.88	1.62	0.38	0.28	22.36	01/30/2019	14:38

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