

Analysis Method: 9034

ANALYST: ketankumar

Parameter: Reactive Sulfide

SUPERVISOR REVIEW BY: apatel

Run Number: LB100514

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 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	PB116663BL		1	5.05	50	2.00	0.00	1.92	1.92	0.08	0.00	0.00	01/28/2019	11:32
2	K1011-10		1	5.02	50	2.00	1.92	3.80	1.88	0.12	0.04	3.19	01/28/2019	11:35
3	K1011-10DUP		1	5.04	50	2.00	3.80	5.66	1.86	0.14	0.06	4.76	01/28/2019	11:38
4	K1011-12		1	5.05	50	2.00	0.00	1.90	1.90	0.10	0.02	1.58	01/28/2019	11:42
5	K1250-03		1	5.05	50	2.00	1.90	3.60	1.70	0.30	0.22	17.43	01/28/2019	11:45
6	K1254-02		1	5.06	50	2.00	3.60	5.38	1.78	0.22	0.14	11.07	01/28/2019	11:48
7	K1254-04		1	5.03	50	2.00	5.38	7.28	1.90	0.10	0.02	1.59	01/28/2019	11:52
8	K1255-02		1	5.02	50	2.00	7.28	8.82	1.54	0.46	0.38	30.28	01/28/2019	11:55
9	K1261-02		1	5.04	50	2.00	0.00	1.58	1.58	0.42	0.34	26.98	01/28/2019	11:58
10	K1261-04		1	5.03	50	2.00	1.58	3.20	1.62	0.38	0.30	23.86	01/28/2019	12:05

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