

Analysis Method: 9034

ANALYST: ketankumar

Parameter: Reactive Sulfide

SUPERVISOR REVIEW BY: apatel

Run Number: LB97382

Constant: 16000

Normality1: 0.025

Normality2: 0.025

Reagent/Standard	Lot/Log #
SODIUM THIOSULFATE, 0.025N, 4LITRE	W2337
IODINE SOLUTION .025N 1L	W2349
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	PB112170BL		1	5.03	50	2.00	0.00	1.86	1.86	0.14	0.00	0.00	08/17/2018	15:02
2	J4516-04		1	5.02	50	2.00	1.86	3.60	1.74	0.26	0.12	9.56	08/17/2018	15:05
3	J4516-04DUP		1	5.01	50	2.00	3.60	5.36	1.76	0.24	0.10	7.98	08/17/2018	15:08
4	J4521-03		1	5.03	50	2.00	0.00	1.50	1.50	0.50	0.36	28.63	08/17/2018	15:10
5	J4521-06		1	5.05	50	2.00	1.50	3.00	1.50	0.50	0.36	28.51	08/17/2018	15:12
6	J4521-09		1	5.04	50	2.00	3.00	4.50	1.50	0.50	0.36	28.57	08/17/2018	15:15
7	J4521-12		1	5.01	50	2.00	4.50	6.02	1.52	0.48	0.34	27.15	08/17/2018	15:18
8	J4521-15		1	5.02	50	2.00	6.02	7.38	1.36	0.64	0.50	39.84	08/17/2018	15:20
9	J4521-18		1	5.03	50	2.00	7.38	8.80	1.42	0.58	0.44	34.99	08/17/2018	15:22
10	J4521-21		1	5.04	50	2.00	0.00	1.16	1.16	0.84	0.70	55.56	08/17/2018	15:25
11	J4521-24		1	5.05	50	2.00	1.16	2.50	1.34	0.66	0.52	41.19	08/17/2018	15:28
12	J4521-27		1	5.00	50	2.00	2.50	3.76	1.26	0.74	0.60	48.00	08/17/2018	15:32

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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13	J4521-30		1	5.02	50	2.00	3.76	4.90	1.14	0.86	0.72	57.37	08/17/2018	15:35
14	J4523-02		1	5.02	50	2.00	4.90	6.22	1.32	0.68	0.54	43.03	08/17/2018	15:38

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