

Analysis Method: 9034

ANALYST: sweta

Parameter: Reactive Sulfide

SUPERVISOR REVIEW BY: ketankumar

Run Number: LB100002

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	PB115934BL		1	5.00	50	2.00	0.00	1.90	1.90	0.10	0.00	0.00	12/21/2018	13:30
2	J6188-04		1	5.02	50	2.00	1.90	3.52	1.62	0.38	0.28	22.31	12/21/2018	13:33
3	J6188-04DUP		1	5.04	50	2.00	3.52	5.16	1.64	0.36	0.26	20.63	12/21/2018	13:35
4	J6191-02		1	5.05	50	2.00	0.00	1.82	1.82	0.18	0.08	6.34	12/21/2018	13:37
5	J6191-04		1	5.05	50	2.00	1.82	3.46	1.64	0.36	0.26	20.59	12/21/2018	13:39
6	J6192-04		1	5.02	50	2.00	3.46	5.34	1.88	0.12	0.02	1.59	12/21/2018	13:41
7	J6200-02		1	5.03	50	2.00	5.34	7.00	1.66	0.34	0.24	19.09	12/21/2018	13:43
8	J6498-07		1	5.04	50	2.00	7.00	8.66	1.66	0.34	0.24	19.05	12/21/2018	13:45
9	J6498-08		1	5.03	50	2.00	0.00	1.60	1.60	0.40	0.30	23.86	12/21/2018	13:47
10	J6499-02		1	5.02	50	2.00	1.60	3.26	1.66	0.34	0.24	19.12	12/21/2018	13:49
11	J6500-02		1	5.05	50	2.00	3.26	5.16	1.90	0.10	0.00	0.00	12/21/2018	13:51
12	J6501-02		1	5.01	50	2.00	5.16	6.60	1.44	0.56	0.46	36.73	12/21/2018	13:53

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	J6518-03		1	5.05	50	2.00	6.60	8.40	1.80	0.20	0.10	7.92	12/21/2018	13:55
14	J6520-04		1	5.06	50	2.00	8.40	9.90	1.50	0.50	0.40	31.62	12/21/2018	13:57

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