

Analysis Method: 9034

ANALYST: ketankumar

Parameter: Reactive Sulfide

SUPERVISOR REVIEW BY: apatel

Run Number: LB97713

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	PB112575BL		1	5.02	50	2.00	0.00	1.96	1.96	0.04	0.00	0.00	09/04/2018	13:32
2	J4747-04		1	5.06	50	2.00	1.96	3.76	1.80	0.20	0.16	12.65	09/04/2018	13:35
3	J4747-04DUP		1	5.04	50	2.00	3.76	5.58	1.82	0.18	0.14	11.11	09/04/2018	13:38
4	J4756-03		1	5.01	50	2.00	0.00	1.76	1.76	0.24	0.20	15.97	09/04/2018	13:42
5	J4756-04		1	5.04	50	2.00	1.76	3.38	1.62	0.38	0.34	26.98	09/04/2018	13:45
6	J4757-02		1	5.06	50	2.00	3.38	4.94	1.56	0.44	0.40	31.62	09/04/2018	13:48
7	J4761-03		1	5.06	50	2.00	0.00	1.54	1.54	0.46	0.42	33.20	09/04/2018	13:52
8	J4761-06		1	5.04	50	2.00	1.54	3.10	1.56	0.44	0.40	31.75	09/04/2018	13:55
9	J4764-02		1	5.00	50	2.00	3.10	4.62	1.52	0.48	0.44	35.20	09/04/2018	13:58

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