

Analysis Method: 9034

ANALYST: ketankumar

Parameter: Reactive Sulfide

SUPERVISOR REVIEW BY: apatel

Run Number: LB95010

Constant: 16000

Normality1: 0.025

Normality2: 0.025

Reagent/Standard	Lot/Log #
SODIUM THIOSULFATE, 0.025N, 4LITRE	W2276
IODINE SOLUTION .025N 1L	W2283
Starch Solution, 4L	W2121

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	PB108780BL		1	5.02	50	2.00	0.00	1.82	1.82	0.18	0.00	0.00	05/01/2018	12:35
2	J2157-14		1	5.03	50	2.00	0.00	1.50	1.50	0.50	0.32	25.45	05/01/2018	12:38
3	J2157-14DUP		1	5.01	50	2.00	1.50	3.02	1.52	0.48	0.30	23.95	05/01/2018	12:42
4	J2157-16		1	5.04	50	2.00	3.02	4.58	1.56	0.44	0.26	20.63	05/01/2018	12:45
5	J2157-18		1	5.02	50	2.00	4.58	6.04	1.46	0.54	0.36	28.69	05/01/2018	12:48
6	J2157-20		1	5.00	50	2.00	6.04	7.66	1.62	0.38	0.20	16.00	05/01/2018	12:52
7	J2157-22		1	5.01	50	2.00	7.66	9.04	1.38	0.62	0.44	35.13	05/01/2018	12:55
8	J2642-02		1	5.05	50	2.00	0.00	1.70	1.70	0.30	0.12	9.50	05/01/2018	12:58
9	J2646-02		1	5.03	50	2.00	1.70	3.34	1.64	0.36	0.18	14.31	05/01/2018	13:02
10	J2647-02		1	5.02	50	2.00	3.34	4.88	1.54	0.46	0.28	22.31	05/01/2018	13:05

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