

Analysis Method: 9034

ANALYST: ketankumar

Parameter: Reactive Sulfide

SUPERVISOR REVIEW BY: apatel

Run Number: LB101682

Constant: 16000

Normality1: 0.025

Normality2: 0.025

Reagent/Standard	Lot/Log #
Sodium thiosulfate titrant 0.025N	WP71781
IODINE SOLUTION .025N 1L	W2410
Starch Solution, 4L	W2379

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	PB118338BL		1	5.03	50	2.00	0.00	1.86	1.86	0.14	0.00	0.00	03/27/2019	16:45
2	K2086-08		1	5.00	50	2.00	0.00	1.82	1.82	0.18	0.04	3.20	03/27/2019	16:48
3	K2086-08DUP		1	5.04	50	2.00	1.82	3.66	1.84	0.16	0.02	1.59	03/27/2019	16:50
4	K2086-09		1	5.05	50	2.00	3.66	5.44	1.78	0.22	0.08	6.34	03/27/2019	16:52
5	K2086-10		1	5.05	50	2.00	5.44	7.16	1.72	0.28	0.14	11.09	03/27/2019	16:55
6	K2086-11		1	5.03	50	2.00	0.00	1.76	1.76	0.24	0.10	7.95	03/27/2019	16:58
7	K2086-12		1	5.06	50	2.00	1.76	3.58	1.82	0.18	0.04	3.16	03/27/2019	17:02
8	K2086-13		1	5.03	50	2.00	3.58	5.26	1.68	0.32	0.18	14.31	03/27/2019	17:05
9	K2086-14		1	5.01	50	2.00	5.26	7.00	1.74	0.26	0.12	9.58	03/27/2019	17:08
10	K2093-02		1	5.04	50	2.00	7.00	8.78	1.78	0.22	0.08	6.35	03/27/2019	17:12

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