

Analysis Method: 9034

ANALYST: ketankumar

Parameter: Reactive Sulfide

SUPERVISOR REVIEW BY: mohammad

Run Number: LB120845

Constant: 16000

Normality1: 0.025

Normality2: 0.025

Reagent/Standard	Lot/Log #
SODIUM THIOSULFATE, 0.025N, 4LITRE	W2843
IODINE SOLUTION .025N 1L	W2864
Starch Solution, 4L	W2766

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	PB145868BL		1	5.00	50	2.00	0.00	1.92	1.92	0.08	0.00	0.00	06/27/2022	13:55
2	N3494-02		1	5.05	50	2.00	1.92	3.80	1.88	0.12	0.04	3.17	06/27/2022	13:58
3	N3494-02DUP		1	5.03	50	2.00	3.80	5.70	1.90	0.10	0.02	1.59	06/27/2022	14:00
4	N3494-07		1	5.04	50	2.00	5.70	7.56	1.86	0.14	0.06	4.76	06/27/2022	14:02
5	N3494-12		1	5.08	50	2.00	0.00	1.84	1.84	0.16	0.08	6.30	06/27/2022	14:05
6	N3494-17		1	5.09	50	2.00	1.84	3.70	1.86	0.14	0.06	4.72	06/27/2022	14:08
7	N3494-22		1	5.07	50	2.00	3.70	5.60	1.90	0.10	0.02	1.58	06/27/2022	14:10
8	N3494-27		1	5.06	50	2.00	5.60	7.46	1.86	0.14	0.06	4.74	06/27/2022	14:12
9	N3494-32		1	5.04	50	2.00	0.00	1.84	1.84	0.16	0.08	6.35	06/27/2022	14:15

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