

Analysis Method: 9034

ANALYST: ketankumar

Parameter: Reactive Sulfide

SUPERVISOR REVIEW BY: apatel

Run Number: LB116283

Constant: 16000

Normality1: 0.025

Normality2: 0.025

Reagent/Standard	Lot/Log #
SODIUM THIOSULFATE, 0.025N, 4LITRE	W2843
IODINE SOLUTION .025N 1L	W2763
Starch Solution, 4L	W2703

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	PB139092BL		1	5.00	50	2.00	0.00	1.88	1.88	0.12	0.00	0.00	09/14/2021	11:45
2	M3722-02		1	5.05	50	2.00	1.88	3.72	1.84	0.16	0.04	3.17	09/14/2021	11:48
3	M3722-02DUP		1	5.07	50	2.00	3.72	5.58	1.86	0.14	0.02	1.58	09/14/2021	11:50
4	M3722-05		1	5.06	50	2.00	5.58	7.40	1.82	0.18	0.06	4.74	09/14/2021	11:52
5	M3724-02		1	5.04	50	2.00	0.00	1.84	1.84	0.16	0.04	3.17	09/14/2021	11:55
6	M3724-04		1	5.03	50	2.00	1.84	3.70	1.86	0.14	0.02	1.59	09/14/2021	11:58

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