

Analysis Method: 9034
 Parameter: Reactive Sulfide
 Run Number: LB118518

ANALYST: ketankumar
 SUPERVISOR REVIEW BY: apatel
 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	PB142459BL		1	5.00	50	2.00	0.00	1.96	1.96	0.04	0.00	0.00	02/03/2022	15:40
2	N1356-02		1	5.05	50	2.00	1.96	3.88	1.92	0.08	0.04	3.17	02/03/2022	15:42
3	N1356-02DUP		1	5.04	50	2.00	3.88	5.82	1.94	0.06	0.02	1.59	02/03/2022	15:45
4	N1356-04		1	5.03	50	2.00	5.82	7.72	1.90	0.10	0.06	4.77	02/03/2022	15:48
5	N1356-06		1	5.08	50	2.00	0.00	1.92	1.92	0.08	0.04	3.15	02/03/2022	15:50
6	N1357-02		1	5.06	50	2.00	1.92	3.86	1.94	0.06	0.02	1.58	02/03/2022	15:52

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