

Analysis Method: 9034
 Parameter: Reactive Sulfide
 Run Number: LB118741

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 Volume (mL)	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	PB142792BL		1	50	50	2.00	0.00	1.90	1.90	0.10	0.00	0.00	02/18/2022	14:50
2	N1595-03		1	50	50	2.00	1.90	3.74	1.84	0.16	0.06	0.48	02/18/2022	14:52
3	N1595-03DUP		1	50	50	2.00	3.74	5.60	1.86	0.14	0.04	0.32	02/18/2022	14:55
4	N1595-04		1	50	50	2.00	5.60	7.48	1.88	0.12	0.02	0.16	02/18/2022	14:58
5	N1595-05		1	50	50	2.00	0.00	1.86	1.86	0.14	0.04	0.32	02/18/2022	15:02
6	N1595-06		1	50	50	2.00	1.86	3.74	1.88	0.12	0.02	0.16	02/18/2022	15:05

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