

Analysis Method: 9034

ANALYST: ketankumar

Parameter: Reactive Sulfide

SUPERVISOR REVIEW BY: apatel

Run Number: LB88026

Constant: 16000

Normality1: 0.025

Normality2: 0.025

Reagent/Standard	Lot/Log #
SODIUM THIOSULFATE, 0.025N, 4LITRE	W2206
IODINE SOLUTION .025N 1L	W2236
Starch Solution, 4L	W2121

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	PB99704BL		1	5.02	50	5.00	0.00	4.40	4.40	0.60	0.00	0.00	06/12/2017	16:30
2	I3624-03		1	5.04	50	5.00	0.00	4.20	4.20	0.80	0.20	15.87	06/12/2017	16:34
3	I3624-03DUP		1	5.03	50	5.00	4.20	8.38	4.18	0.82	0.22	17.50	06/12/2017	16:37
4	I3624-06		1	5.04	50	5.00	0.00	3.86	3.86	1.14	0.54	42.86	06/12/2017	16:40
5	I3628-03		1	5.05	50	5.00	0.00	4.04	4.04	0.96	0.36	28.51	06/12/2017	16:44
6	I3629-03		1	5.04	50	5.00	4.04	7.98	3.94	1.06	0.46	36.51	06/12/2017	16:47
7	I3629-07		1	5.03	50	5.00	0.00	3.68	3.68	1.32	0.72	57.26	06/12/2017	16:50

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