

Analysis Method: 9034

ANALYST: ketankumar

Parameter: Reactive Sulfide

SUPERVISOR REVIEW BY: apatel

Run Number: LB89915

Constant: 16000

Normality1: 0.025

Normality2: 0.025

Reagent/Standard	Lot/Log #
SODIUM THIOSULFATE, 0.025N, 4LITRE	W2206
IODINE SOLUTION .025N 1L	W2251
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	PB102119BL		1	5.02	50	2.00	0.00	1.82	1.82	0.18	0.00	0.00	09/07/2017	12:32
2	I5120-03		1	5.04	50	2.00	0.00	1.82	1.82	0.18	0.00	0.00	09/07/2017	12:35
3	I5120-03DUP		1	5.03	50	2.00	1.82	3.62	1.80	0.20	0.02	1.59	09/07/2017	12:38
4	I5122-03		1	5.04	50	2.00	3.62	5.42	1.80	0.20	0.02	1.59	09/07/2017	12:40
5	I5126-03		1	5.05	50	2.00	5.42	6.88	1.46	0.54	0.36	28.51	09/07/2017	12:42
6	I5133-02		1	5.04	50	2.00	0.00	1.32	1.32	0.68	0.50	39.68	09/07/2017	12:45
7	I5137-02		1	5.03	50	2.00	1.32	2.76	1.44	0.56	0.38	30.22	09/07/2017	12:48

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