

Analysis Method: 9034

ANALYST: KETANKUMAR

Parameter: Sulfide

SUPERVISOR REVIEW BY: apatel

Run Number: LB94360

Constant: 16000

Normality1: 0.025

Normality2: 0.025

Reagent/Standard	Lot/Log #
SODIUM THIOSULFATE, 0.025N, 4LITRE	W2276
IODINE SOLUTION .025N 1L	W2283
Starch Solution, 4L	W2121

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)	AnalDate	Anal Time
1	PB107907BL		1	50	50	5.00	0.00	4.86	4.86	0.14	0.00	0.00	04/02/2018	14:02
2	PB107907BS	25	1	50	50	5.00	0.00	2.36	2.36	2.64	2.50	20.00	04/02/2018	14:05
3	J2133-07		1	50	50	5.00	0.00	4.74	4.74	0.26	0.12	0.96	04/02/2018	14:08
4	J2133-08		1	50	50	5.00	0.00	4.58	4.58	0.42	0.28	2.24	04/02/2018	14:12
5	J2133-09		1	50	50	5.00	0.00	4.76	4.76	0.24	0.10	0.80	04/02/2018	14:15
6	J2173-01		1	50	50	10.00	0.00	5.34	5.34	4.66	4.52	36.16	04/02/2018	14:18
7	J2173-01DUP		1	50	50	10.00	0.00	5.32	5.32	4.68	4.54	36.32	04/02/2018	14:22
8	J2173-01MS	25	1	50	50	10.00	0.00	0.30	0.30	9.70	9.56	76.48	04/02/2018	14:25
9	J2173-01MSD	25	1	50	50	10.00	0.30	0.62	0.32	9.68	9.54	76.32	04/02/2018	14:28
10	J2173-02		1	50	50	5.00	0.00	4.04	4.04	0.96	0.82	6.56	04/02/2018	14:32
11	J2173-03		1	50	50	5.00	4.04	7.78	3.74	1.26	1.12	8.96	04/02/2018	14:35

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

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12	J2173-04		1	50	50	5.00	0.00	3.90	3.90	1.10	0.96	7.68	04/02/2018	14:38
13	J2173-05		1	50	50	5.00	3.90	7.70	3.80	1.20	1.06	8.48	04/02/2018	14:42

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