

Analysis Method: 9034

ANALYST: ketankumar

Parameter: Sulfide

SUPERVISOR REVIEW BY: apatel

Run Number: LB111023

Constant: 16000

Normality1: 0.025

Normality2: 0.025

Reagent/Standard	Lot/Log #
Sodium thiosulfate titrant 0.025N	WP86633
IODINE SOLUTION .025N 1L	W2670
Starch Solution, 4L	W2703

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)	AnalDate	Anal Time
1	PB131694BL		1	5.03	50	5.00	0.00	5.00	5.00	0.00	0.00	0.00	09/17/2020	13:15
2	PB131694BS	250	1	5.02	50	5.00	0.00	2.20	2.20	2.80	2.80	223.11	09/17/2020	13:18
3	L4040-01		1	5.02	50	5.00	0.00	4.90	4.90	0.10	0.10	7.97	09/17/2020	13:22
4	L4040-01DUP		1	5.04	50	5.00	4.90	9.78	4.88	0.12	0.12	9.52	09/17/2020	13:25
5	L4040-01MS	250	1	5.05	50	5.00	0.00	4.24	4.24	0.76	0.76	60.20	09/17/2020	13:28
6	L4040-01MSD	250	1	5.05	50	5.00	4.24	8.46	4.22	0.78	0.78	61.78	09/17/2020	13:32
7	L4040-02		1	5.06	50	5.00	0.00	4.76	4.76	0.24	0.24	18.97	09/17/2020	13:35
8	L4040-03		1	5.03	50	5.00	4.76	9.36	4.60	0.40	0.40	31.81	09/17/2020	13:38

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