

Analysis Method: 9034
 Parameter: Sulfide
 Run Number: LB109329

ANALYST: ketankumar
 SUPERVISOR REVIEW BY: apatel
 Constant: 16000
 Normality1: 0.025
 Normality2: 0.025

Reagent/Standard	Lot/Log #
Sodium thiosulfate titrant 0.025N	WP83473
IODINE SOLUTION .025N 1L	W2669
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	PB129124BL		1	5.02	50	5.00	0.00	4.82	4.82	0.18	0.00	0.00	05/27/2020	11:15
2	PB129124BS	250	1	5.03	50	5.00	0.00	2.26	2.26	2.74	2.56	203.58	05/27/2020	11:18
3	L2757-04		1	5.02	50	5.00	0.00	3.78	3.78	1.22	1.04	82.87	05/27/2020	11:22
4	L2757-04DUP		1	5.04	50	5.00	3.78	7.58	3.80	1.20	1.02	80.95	05/27/2020	11:25
5	L2757-04MS	250	1	5.05	50	5.00	0.00	3.38	3.38	1.62	1.44	114.06	05/27/2020	11:28
6	L2757-04MSD	250	1	5.05	50	5.00	3.38	6.74	3.36	1.64	1.46	115.64	05/27/2020	11:32
7	L2757-05		1	5.06	50	5.00	0.00	2.52	2.52	2.48	2.30	181.82	05/27/2020	11:35
8	L2757-06		1	5.03	50	5.00	2.52	6.74	4.22	0.78	0.60	47.71	05/27/2020	11:38

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