

Analysis Method: 9034

Parameter: Sulfide

Run Number: LB122147

ANALYST: jignesh

SUPERVISOR REVIEW BY: Iwona

Constant: 16000

Normality1: 0.025

Normality2: 0.025

Reagent/Standard	Lot/Log #
SODIUM THIOSULFATE, 0.025N, 4LITRE	W2843
IODINE SOLUTION .025N 1L	W2924
Starch Solution, 4L	W2766

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	PB147775BL		1	50	50	5.00	0.00	4.88	4.88	0.12	0.00	0.00	09/20/2022	15:18
2	PB147775BS	25	1	50	50	5.00	0.00	2.31	2.31	2.69	2.57	20.56	09/20/2022	15:22
3	N4645-01		1	50	50	5.00	0.00	4.81	4.81	0.19	0.07	0.56	09/20/2022	15:26
4	N4645-03		1	50	50	5.00	0.00	4.82	4.82	0.18	0.06	0.48	09/20/2022	15:30
5	N4645-04		1	50	50	5.00	0.00	4.85	4.85	0.15	0.03	0.24	09/20/2022	15:34
6	N4645-05		1	50	50	5.00	0.00	4.78	4.78	0.22	0.10	0.80	09/20/2022	15:39
7	N4645-08		1	50	50	5.00	0.00	4.75	4.75	0.25	0.13	1.04	09/20/2022	15:42
8	N4645-09		1	50	50	5.00	0.00	4.78	4.78	0.22	0.10	0.80	09/20/2022	15:47
9	N4645-09DUP		1	50	50	5.00	0.00	4.79	4.79	0.21	0.09	0.72	09/20/2022	15:50
10	N4645-09MS	25	1	50	50	5.00	0.00	2.22	2.22	2.78	2.66	21.28	09/20/2022	15:53
11	N4645-09MSD	25	1	50	50	5.00	0.00	2.24	2.24	2.76	2.64	21.12	09/20/2022	15:56

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