

Analysis Method: 9034

Parameter: Sulfide

Run Number: LB121943

ANALYST: Iwona

SUPERVISOR REVIEW BY: jignesh

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	PB147523BL		1	50	50	5.00	0.00	4.88	4.88	0.12	0.00	0.00	09/07/2022	15:01
2	PB147523BS	25	1	50	50	5.00	0.00	2.32	2.32	2.68	2.56	20.48	09/07/2022	15:05
3	N4492-01		1	50	50	5.00	0.00	4.85	4.85	0.15	0.03	0.24	09/07/2022	15:08
4	N4492-05		1	50	50	5.00	0.00	4.81	4.81	0.19	0.07	0.56	09/07/2022	15:11
5	N4492-07		1	50	50	5.00	0.00	4.40	4.40	0.60	0.48	3.84	09/07/2022	15:17
6	N4492-09		1	50	50	5.00	0.00	4.38	4.38	0.62	0.50	4.00	09/07/2022	15:21
7	N4492-11		1	50	50	5.00	0.00	4.34	4.34	0.66	0.54	4.32	09/07/2022	15:25
8	N4492-17		1	50	50	5.00	0.00	4.76	4.76	0.24	0.12	0.96	09/07/2022	15:31
9	N4492-20		1	50	50	5.00	0.00	4.64	4.64	0.36	0.24	1.92	09/07/2022	15:35
10	N4492-20DUP		1	50	50	5.00	0.00	4.62	4.62	0.38	0.26	2.08	09/07/2022	15:37
11	N4492-20MS	25	1	50	50	5.00	0.00	2.22	2.22	2.78	2.66	21.28	09/07/2022	15:41

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	N4492-20MSD	25	1	50	50	5.00	0.00	2.24	2.24	2.76	2.64	21.12	09/07/2022	15:46

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