

Analysis Method: 9034
 Parameter: Reactive Sulfide
 Run Number: LB105015

ANALYST: chirag
 SUPERVISOR REVIEW BY: AMANDEEP
 Constant: 16000
 Normality1: 0.025
 Normality2: 0.025

Reagent/Standard	Lot/Log #
Sodium thiosulfate titrant 0.025N	WP77620
IODINE SOLUTION .025N 1L	W2508
Starch Solution, 4L	W2379

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)	Anal Date	Anal Time
1	PB122902BL		1	5.00	50	2.00	0.00	1.90	1.90	0.10	0.00	0.00	09/07/2019	16:47
2	K4752-21		1	5.02	50	2.00	1.90	3.78	1.88	0.12	0.02	1.59	09/07/2019	16:50
3	K4752-21DUP		1	5.04	50	2.00	3.78	5.64	1.86	0.14	0.04	3.17	09/07/2019	16:53
4	K4752-22		1	5.01	50	2.00	5.64	7.52	1.88	0.12	0.02	1.60	09/07/2019	16:56
5	K4752-23		1	5.00	50	2.00	7.52	9.38	1.86	0.14	0.04	3.20	09/07/2019	16:59
6	K4752-24		1	5.03	50	2.00	0.00	1.84	1.84	0.16	0.06	4.77	09/07/2019	17:02
7	K4752-25		1	5.02	50	2.00	1.84	3.72	1.88	0.12	0.02	1.59	09/07/2019	17:05
8	K4752-26		1	5.04	50	2.00	3.72	5.60	1.88	0.12	0.02	1.59	09/07/2019	17:08
9	K4752-27		1	5.01	50	2.00	5.60	7.44	1.84	0.16	0.06	4.79	09/07/2019	17:11
10	K4752-28		1	5.02	50	2.00	7.44	9.30	1.86	0.14	0.04	3.19	09/07/2019	17:15
11	K4752-29		1	5.03	50	2.00	0.00	1.84	1.84	0.16	0.06	4.77	09/07/2019	17:17
12	K4752-30		1	5.00	50	2.00	1.84	3.72	1.88	0.12	0.02	1.60	09/07/2019	17:20

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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13	K4762-08		1	5.02	50	2.00	3.72	5.56	1.84	0.16	0.06	4.78	09/07/2019	17:22

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

WORKLIST(Hardcopy Internal Chain)

WorkList Name : RSF9719-1 WorkList ID : 130703 Department : Distillation Date : 09-07-2019 08:36:16

Due Date	Matrix	Sample	Test	Preservative	Customer	Storage Location	Customer Sample	Collect Date	Method
09/13/2019	Solid	K4752-21	Reactive Sulfide	Cool 4 deg C	LIRO01		SB-07-COMP	09/05/2019	9034
09/13/2019	Solid	K4752-22	Reactive Sulfide	Cool 4 deg C	LIRO01		SB-10-COMP	09/05/2019	9034
09/13/2019	Solid	K4752-23	Reactive Sulfide	Cool 4 deg C	LIRO01		SB-13-COMP	09/05/2019	9034
09/13/2019	Solid	K4752-24	Reactive Sulfide	Cool 4 deg C	LIRO01		SB-14-COMP	09/05/2019	9034
09/13/2019	Solid	K4752-25	Reactive Sulfide	Cool 4 deg C	LIRO01		SB-12-COMP	09/05/2019	9034
09/13/2019	Solid	K4752-26	Reactive Sulfide	Cool 4 deg C	LIRO01		SB-15-COMP	09/06/2019	9034
09/13/2019	Solid	K4752-27	Reactive Sulfide	Cool 4 deg C	LIRO01		SB-16-COMP	09/06/2019	9034
09/13/2019	Solid	K4752-28	Reactive Sulfide	Cool 4 deg C	LIRO01		SB-17-COMP	09/06/2019	9034
09/13/2019	Solid	K4752-29	Reactive Sulfide	Cool 4 deg C	LIRO01		SB-18-COMP	09/06/2019	9034
09/13/2019	Solid	K4752-30	Reactive Sulfide	Cool 4 deg C	LIRO01		SB-20-COMP	09/06/2019	9034
09/09/2019	Solid	K4762-08	Reactive Sulfide	Cool 4 deg C	ENV127	L21	STOCK-PILE	09/06/2019	9034

Date/Time 09/17/19 14:32
 Received by: CT
 Relinquished by: AS

Date/Time 09/17/19 15:20
 Received by: AS
 Relinquished by: CT