

## Sequence Overview

### Sequence Details

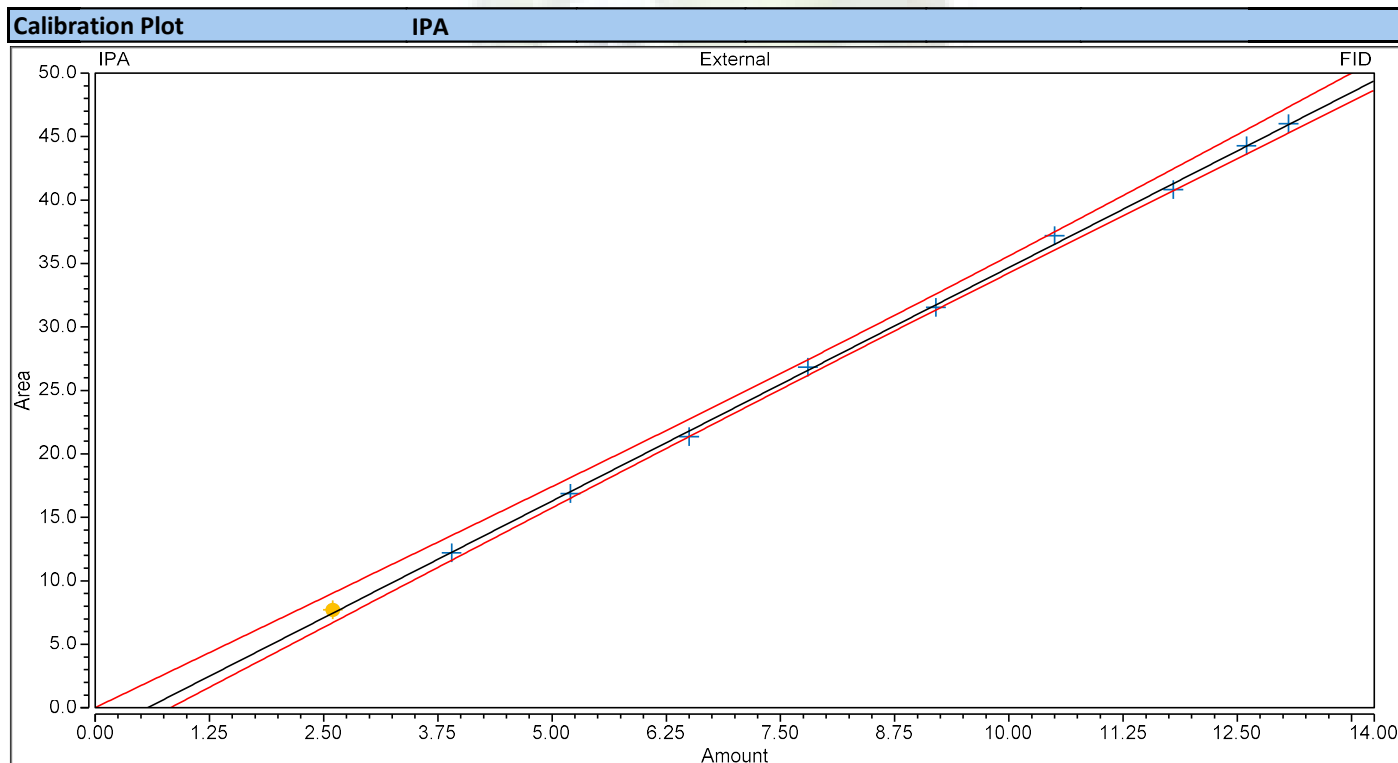
Name:	2024-02-22 EX3502 lab - run 2	Created On:	20/Feb/24 15:50:23
Directory:	lfy	Created By:	s01yk2
Data Vault:	ChromeleonLocal	Updated On:	08/Mar/24 09:12:55
No. of Injections:	35	Updated By:	s03io2

### Injection Details

No.	Injection Name	Position	Type	Level	Inject Time	Status
1	IPA 5.6%	1	Calibration Standard	1	28/Feb/24 11:06:22	Finished
2	IPA 9.2%	2	Calibration Standard	2	28/Feb/24 11:14:34	Finished
3	IPA 13.6%	3	Calibration Standard	3	28/Feb/24 11:22:52	Finished
4	IPA 19.1%	4	Calibration Standard	4	28/Feb/24 11:31:13	Finished
5	IPA 26.1%	5	Calibration Standard	5	28/Feb/24 11:39:36	Finished
6	IPA 35.5%	6	Calibration Standard	6	28/Feb/24 11:47:59	Finished
7	IPA 48.5%	7	Calibration Standard	7	28/Feb/24 11:56:24	Finished
8	IPA 68%	8	Calibration Standard	8	28/Feb/24 12:04:52	Finished
9	IPA 85%	1	Calibration Standard	9	28/Feb/24 12:13:16	Finished
10	IPA 100%	2	Calibration Standard	10	28/Feb/24 12:21:39	Finished
11	IPA 13.6%	3	Unknown		28/Feb/24 12:30:06	Finished
12	RO 10am	1	Unknown		28/Feb/24 12:38:34	Finished
13	C1 10am	2	Unknown		28/Feb/24 12:46:58	Finished
14	C2 10am	3	Unknown		28/Feb/24 12:55:25	Finished
15	C3 10am	4	Unknown		28/Feb/24 13:03:52	Finished
16	R1 10am	5	Unknown		28/Feb/24 13:12:19	Finished
17	R2 10am	6	Unknown		28/Feb/24 13:20:48	Finished
18	R3 10am	7	Unknown		28/Feb/24 13:29:17	Finished
19	IPA 100%	8	Unknown		28/Feb/24 13:37:48	Finished
20	OR 14:00	1	Unknown		28/Feb/24 13:46:14	Finished
21	1C 14:00	2	Unknown		28/Feb/24 13:54:40	Finished
22	2C 14:00	3	Unknown		28/Feb/24 14:03:08	Finished
23	3C 14:00	4	Unknown		28/Feb/24 14:11:35	Finished
24	1R 14:00	5	Unknown		28/Feb/24 14:20:02	Finished
25	2R 14:00	6	Unknown		28/Feb/24 14:28:33	Finished
26	3R 14:00	7	Unknown		28/Feb/24 14:37:02	Finished
27	IPA 100%	8	Unknown		01/Mar/24 10:13:09	Finished
28	S1	1	Unknown		01/Mar/24 10:21:23	Finished
29	B1	2	Unknown		01/Mar/24 10:29:39	Finished
30	B2	3	Unknown		01/Mar/24 10:37:56	Finished
31	B3	4	Unknown		01/Mar/24 10:46:13	Finished
32	R1	5	Unknown		01/Mar/24 10:54:31	Finished
33	R2	6	Unknown		01/Mar/24 11:02:49	Finished
34	R3	7	Unknown		01/Mar/24 11:11:07	Finished
35	IPA 100%	8	Unknown		01/Mar/24 11:37:20	Finished

## Calibration

Calibration Details		IPA	
Calibration Type	Lin, WithOffset, Avg	Offset (C0)	-2.1042
Evaluation Type	Area	Slope (C1)	3.6784
Number of Calibration Points	10	Curve (C2)	0.0000
Number of disabled Calibration Points	0	R-Square	0.9994



Calibration Results		IPA					
No.	Injection Name	Calibration Level	X Value	Y Value	Y Value	Area pA*min	Height pA
			FID IPA	FID IPA	FID IPA	FID IPA	FID IPA
1	IPA 5.6%	1	2.6000	7.7151	7.7151	7.715	245.302
2	IPA 9.2%	2	3.9000	12.2029	12.2029	12.203	422.509
3	IPA 13.6%	3	5.2000	16.8824	16.8824	16.882	606.980
4	IPA 19.1%	4	6.5000	21.3575	21.3575	21.358	744.759
5	IPA 26.1%	5	7.8000	26.8332	26.8332	26.833	897.060
6	IPA 35.5%	6	9.2000	31.5542	31.5542	31.554	1035.327
7	IPA 48.5%	7	10.5000	37.1957	37.1957	37.196	1158.473
8	IPA 68%	8	11.8000	40.8190	40.8190	40.819	1235.053
9	IPA 85%	9	12.6000	44.2721	44.2721	44.272	1302.701
10	IPA 100%	10	13.0600	46.0204	46.0204	46.020	1344.900

## Summary

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Directory:	Ify	Created By:	s01yk2
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No. of Injections:	35	Updated By:	s03io2

## By Component

## IPA

No.	Injection Name	Ret.Time min FID IPA	Area pA*min FID IPA	Height pA FID IPA	Amount mol/l FID IPA	Rel.Area % FID IPA	Peak Type FID IPA	%Mol of IPA
1	IPA_ 5.6%	1.862	7.715	245.302	2.669	100.00	BMB^	5.7%
2	IPA_ 9.2%	1.872	12.203	422.509	3.889	100.00	BMB^	9.1%
3	IPA_ 13.6%	1.875	16.882	606.980	5.162	100.00	BMB^	13.3%
4	IPA_ 19.1%	1.878	21.358	744.759	6.378	100.00	BMB^	18.3%
5	IPA_ 26.1%	1.883	26.833	897.060	7.867	100.00	BMB	26.3%
6	IPA_ 35.5%	1.885	31.554	1035.327	9.150	100.00	BMB	35.5%
7	IPA_ 48.5%	1.890	37.196	1158.473	10.684	100.00	BMB	51.3%
8	IPA_ 68%	1.890	40.819	1235.053	11.669	100.00	BMB*	66.1%
9	IPA_ 85%	1.893	44.272	1302.701	12.608	100.00	BMB	86.3%
10	IPA_ 100%	1.893	46.020	1344.900	13.083	100.00	BMB	100.2%
11	IPA_ 13.6%	1.877	17.214	563.446	5.252	100.00	BMB^	13.7%
12	RO 10am	1.873	10.798	355.271	3.508	100.00	BMB^	8.0%
13	C1 10am	1.888	39.310	1187.087	11.259	100.00	BMB	59.3%
14	C2 10am	1.890	41.197	1231.006	11.772	100.00	BMB	68.0%
15	C3 10am	1.890	39.856	1197.431	11.407	100.00	BMB	61.7%
16	R1 10am	1.872	10.457	345.784	3.415	100.00	BMB^	7.7%
17	R2 10am	1.873	10.477	344.400	3.420	100.00	BMB^	7.7%
18	R3 10am	1.873	10.861	354.759	3.525	100.00	BMB^	8.0%
19	IPA_ 100%	1.892	45.737	1305.273	13.006	100.00	BMB	97.7%
20	OR 14:00	1.872	10.451	342.109	3.413	100.00	BMB^	7.7%
21	1C 14:00	1.890	38.848	1148.821	11.133	100.00	BMB	57.4%
22	2C 14:00	1.888	39.550	1177.108	11.324	100.00	BMB	60.4%
23	3C 14:00	1.890	39.594	1173.069	11.336	100.00	BMB	60.5%
24	1R 14:00	1.872	11.125	358.482	3.596	100.00	BMB^	8.2%
25	2R 14:00	1.870	10.472	320.479	3.419	100.00	BMB^	7.7%
26	3R 14:00	1.872	10.479	322.513	3.421	100.00	BMB^	7.7%
27	IPA_ 100%	1.890	46.490	1359.588	13.211	100.00	BMB	104.4%
28	S1	1.868	10.417	344.839	3.404	100.00	BMB^	7.7%
29	B1	1.885	40.034	1230.832	11.456	100.00	BMB	62.5%
30	B2	1.885	37.433	1169.534	10.749	100.00	BMB	52.1%
31	B3	1.887	41.912	1267.699	11.966	100.00	BMB	71.7%
32	R1	1.868	10.606	354.231	3.455	100.00	BMB^	7.8%
33	R2	1.868	11.366	376.800	3.662	100.00	BMB^	8.4%
34	R3	1.868	10.843	357.693	3.520	100.00	BMB^	8.0%
35	IPA_ 100%	1.880	46.043	1328.272	13.089	100.00	BMB^	100.4%