

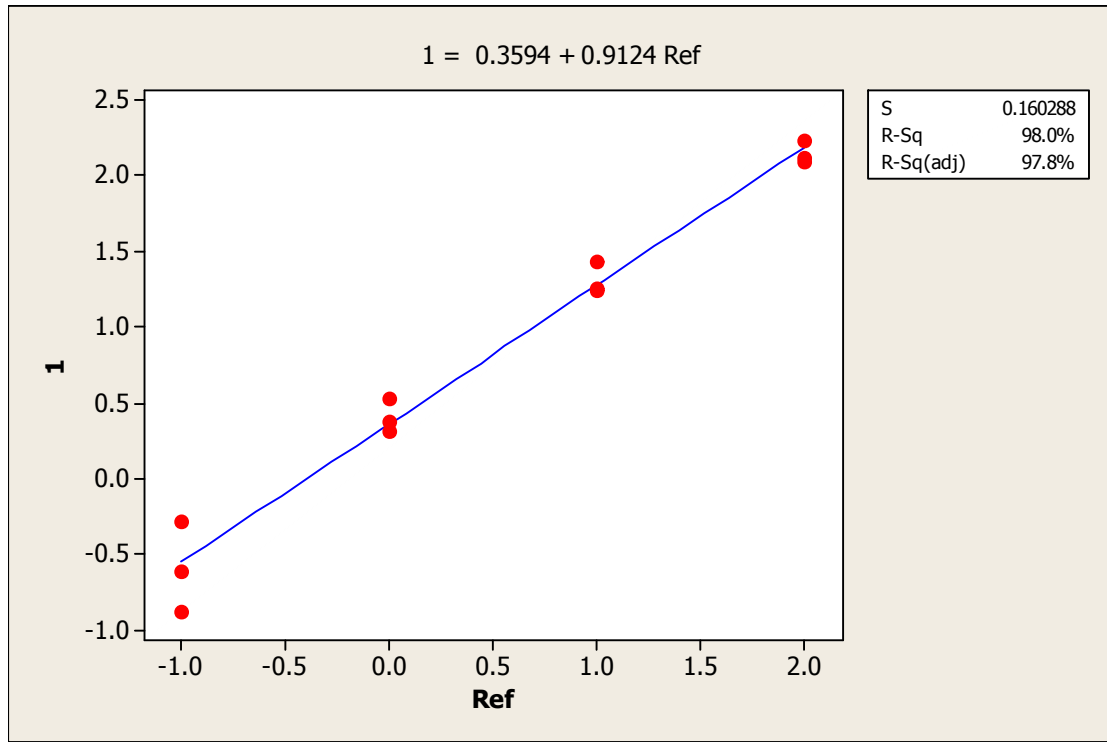
Appendix B: b3a2 linear regression plots

Summary of data

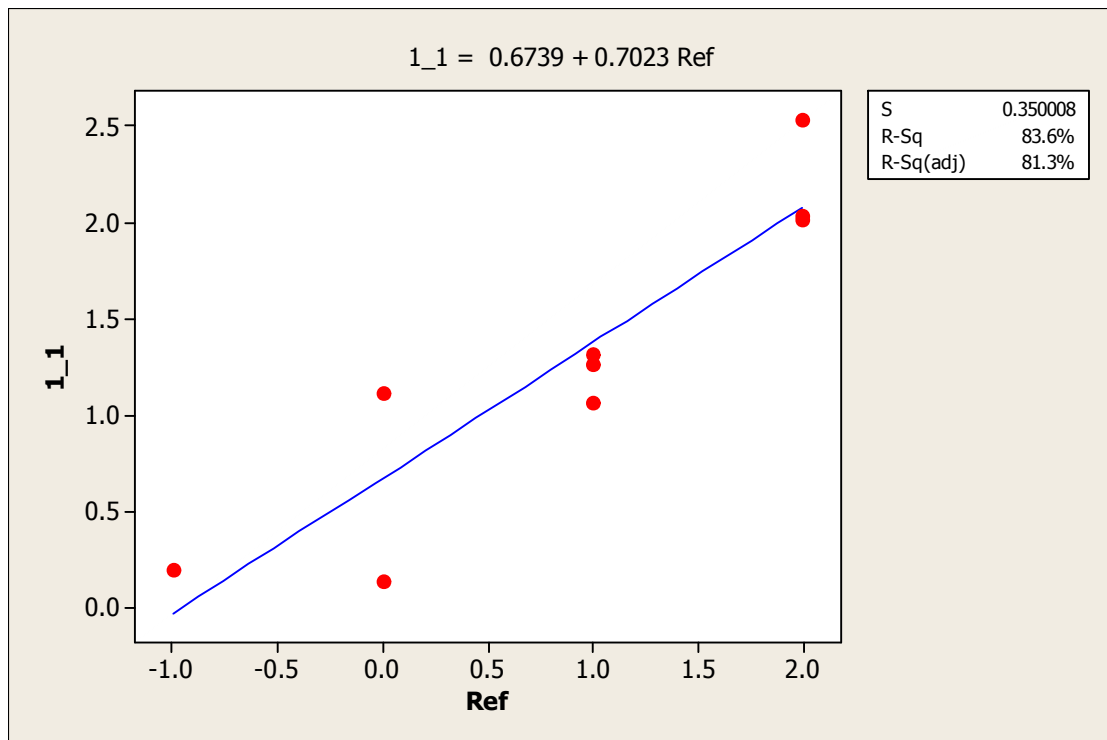
b3a2 aRNA samples			ABL			BCR			GUS		
Lab	Extraction method	Protocol	Gradient	\$	R2 (Adj)	Gradient	\$	R2 (Adj)	Gradient	\$	R2 (Adj)
1	Trizol	Un Ex				0.912	0.160	97.8%			
		Ex				0.702	0.350	81.3%			
2	Trizol	Un Ex	1.006	0.120	99.0%						
		Ex	0.866	0.170	97.2%						
3	Trizol	Un Ex	0.952	0.106	99.1%				0.934	0.091	99.3%
		Ex	0.928	0.191	97.0%				0.956	0.088	99.4%
4	QIAGEN	Un Ex	1.119	0.534	84.4%						
		Ex	0.979	0.464	82.3%						
5	Trizol	Un Ex	0.891	0.206	95.9%				0.896	0.238	94.6%
		Ex	no data	no data	no data				no data	no data	no data
6	QIAGEN	Un Ex	0.997	0.136	98.8%				1.033	0.184	97.9%
		Ex	0.868	0.217	95.6%				0.909	0.197	96.6%
7	QIAGEN	Un Ex	0.947	0.113	99.0%				0.943	0.193	97.0%
		Ex	0.943	0.196	96.9%				0.977	0.190	97.3%
8	Trizol	Un Ex	0.923	0.175	97.4%	0.911	0.091	99.3%	0.943	0.089	99.3%
		Ex	0.803	0.187	95.8%	0.798	0.205	95.0%	0.815	0.208	95.0%
9	Trizol	Un Ex	0.994	0.197	97.2%				1.010	0.246	95.8%
		Ex	0.975	0.160	96.5%				0.997	0.212	94.3%
10	QIAGEN	Un Ex	1.009	0.480	85.6%						
		Ex	1.099	0.501	83.4%						
11	Trizol	Un Ex	0.940	0.069	99.6%						
		Ex	0.938	0.255	94.8%						
12	Trizol	Un Ex	0.843	0.150	97.7%				0.891	0.183	97.0%
		Ex	no data	no data	no data				no data	no data	no data
13	Trizol	Un Ex	0.937	0.069	99.6%	0.963	0.074	99.6%	0.957	0.080	99.5%
		Ex	0.814	0.481	77.8%	0.779	0.515	73.5%	0.775	0.555	70.1%
14	Roche	Un Ex	0.876	0.238	94.4%						
		Ex	0.846	0.438	82.1%						
15	QIAGEN	Un Ex	1.003	0.060	99.7%	0.995	0.042	99.9%	0.996	0.088	99.5%
		Ex	0.996	0.133	98.7%	1.015	0.135	98.7%	0.994	0.100	99.3%
16	Trizol	Un Ex	0.960	0.097	99.3%				0.981	0.077	99.6%
		Ex	0.827	0.219	94.7%				0.867	0.184	96.5%
17	QIAGEN	Un Ex	0.940	0.089	99.3%						
		Ex	0.843	0.203	95.9%						
18	Trizol	Un Ex	0.926	0.074	99.5%						
		Ex	0.973	0.122	98.9%						
19	QIAGEN	Un Ex	0.976	0.186	97.4%				0.963	0.078	99.5%
		Ex	0.975	0.190	97.3%				1.024	0.114	99.1%
20	RNAzol	Un Ex	1.005	0.266	95.1%				1.084	0.365	92.3%
		Ex	0.990	0.135	98.7%				1.010	0.160	98.2%
21	Trizol	Un Ex	0.463	0.792	27.3%	1.116	0.699	77.2%	1.131	0.685	78.4%
		Ex	no data	no data	no data	no data	no data	no data	no data	no data	no data
22	Trizol	Un Ex	1.348	0.927	59.4%				1.333	0.804	66.0%
		Ex	no data pts	no data pts	no data pts				no data	no data	no data
23	T & Q	Un Ex							0.958	0.070	99.6%
		Ex							1.142	0.306	94.6%
24	QIAGEN	Un Ex	0.934	0.131	98.6%						
		Ex	0.834	0.268	93.0%						
25	Trizol	Un Ex	0.974	0.207	96.8%	0.971	0.189	97.3%	0.909	0.188	96.9%
		Ex	0.910	0.284	93.3%	0.921	0.249	94.9%	0.593	0.220	90.8%
26	TriReagent	Un Ex	1.049	0.098	99.4%				1.109	0.166	98.4%
		Ex	0.918	0.176	94.9%				no data	no data	no data
28	Trizol	Un Ex	0.916	0.124	98.7%	0.947	0.125	98.7%	1.013	0.206	97.1%
		Ex	0.980	0.221	96.4%	0.988	0.206	96.9%	0.961	0.221	96.3%
29	Trizol	Un Ex	0.940	0.073	99.6%				0.982	0.104	99.2%
		Ex	0.950	0.160	98.0%				0.970	0.190	97.3%

Lab 1

b3a2 / BCR Unextracted

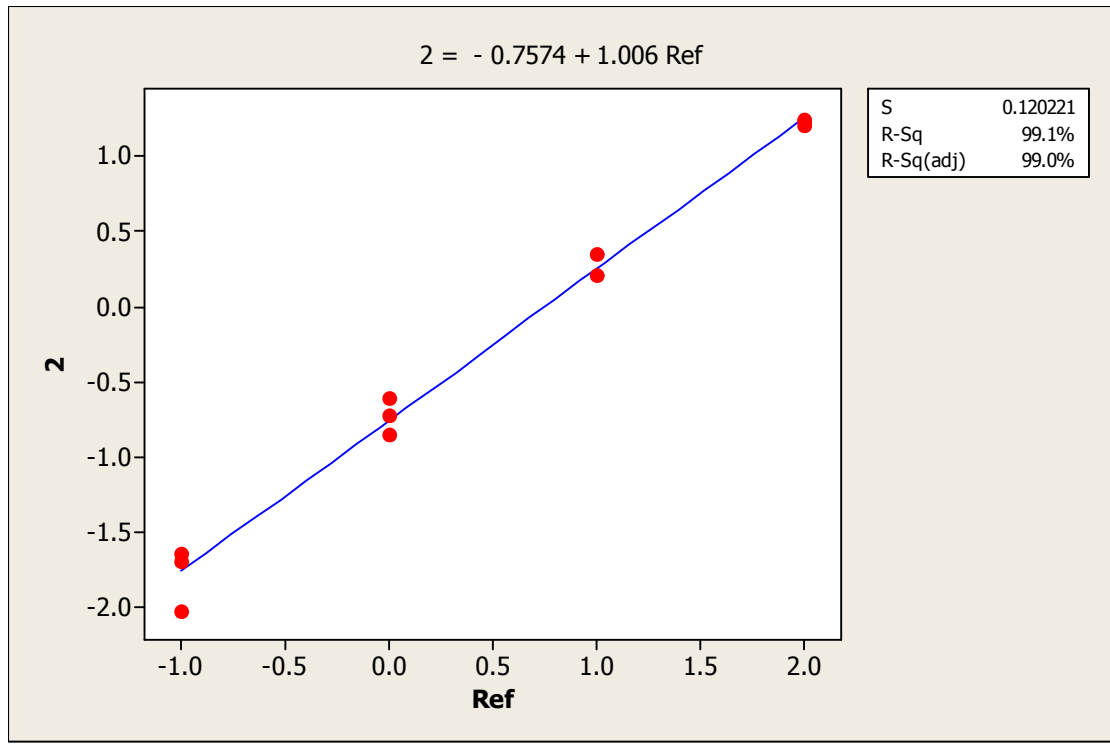


b3a2 / BCR Extracted

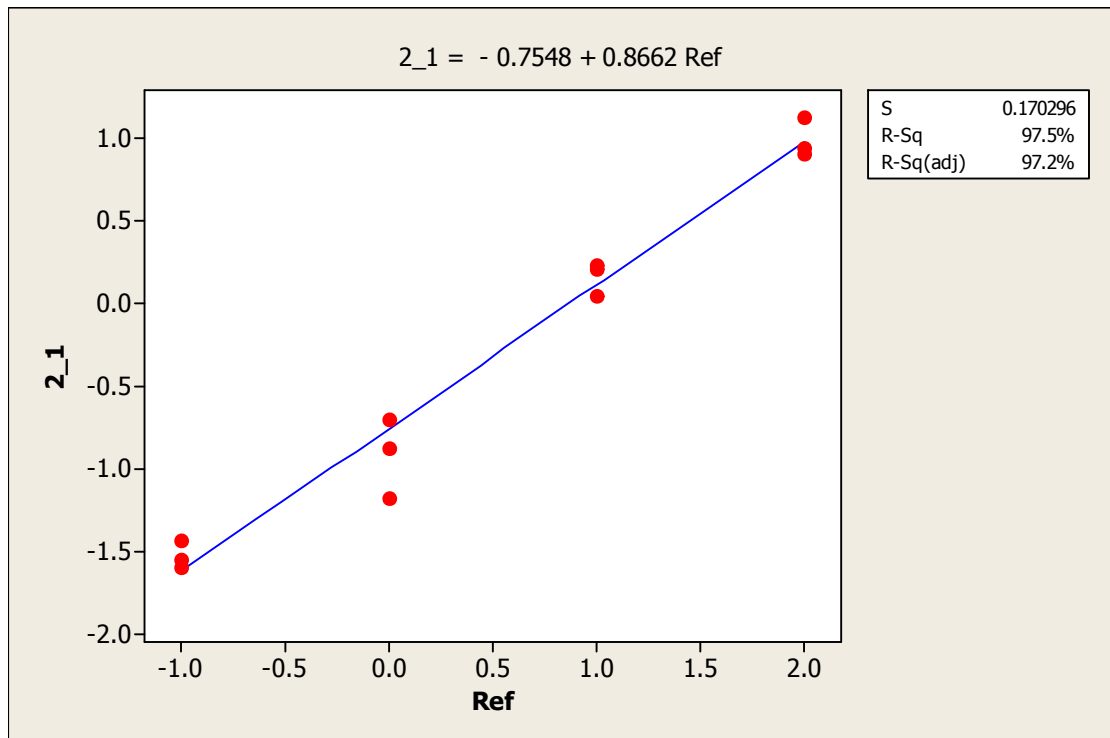


Lab 2

b3a2 / ABL Unextracted

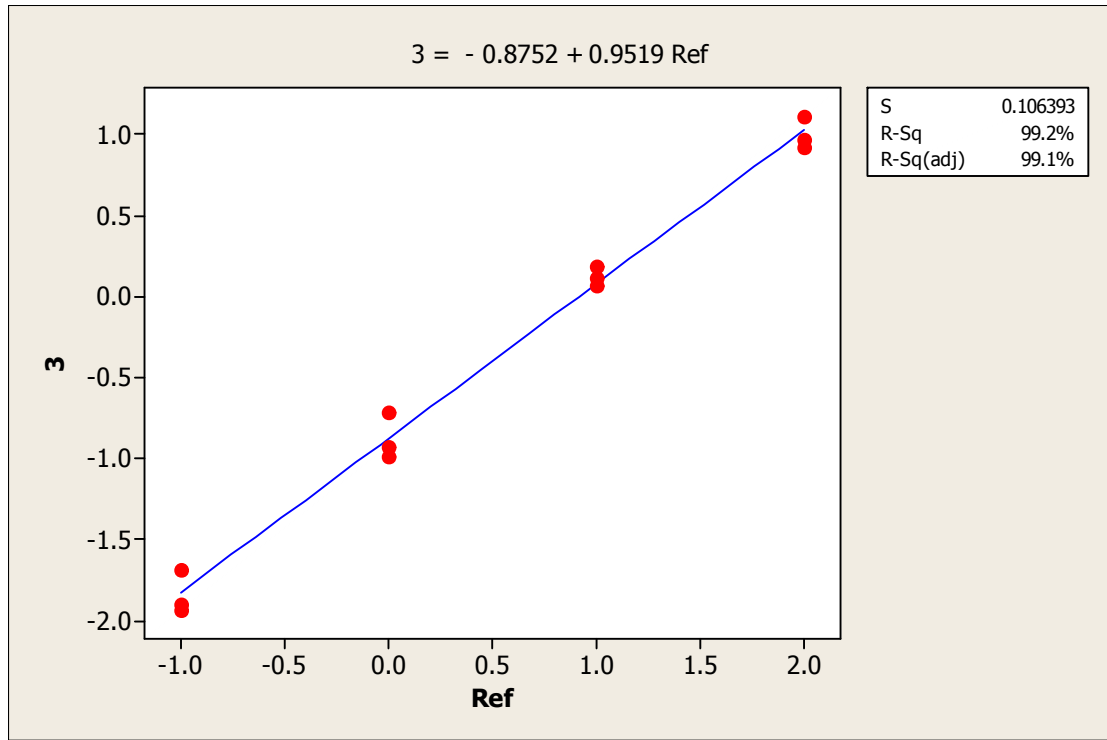


b3a2 / ABL Extracted

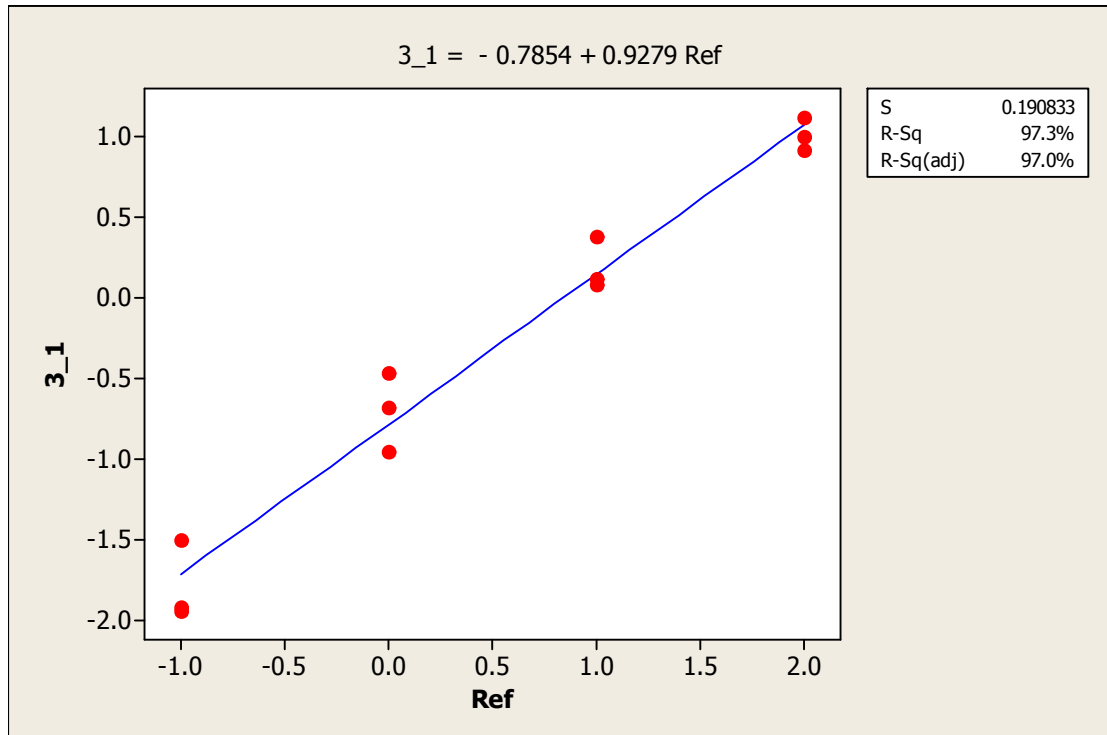


Lab 3

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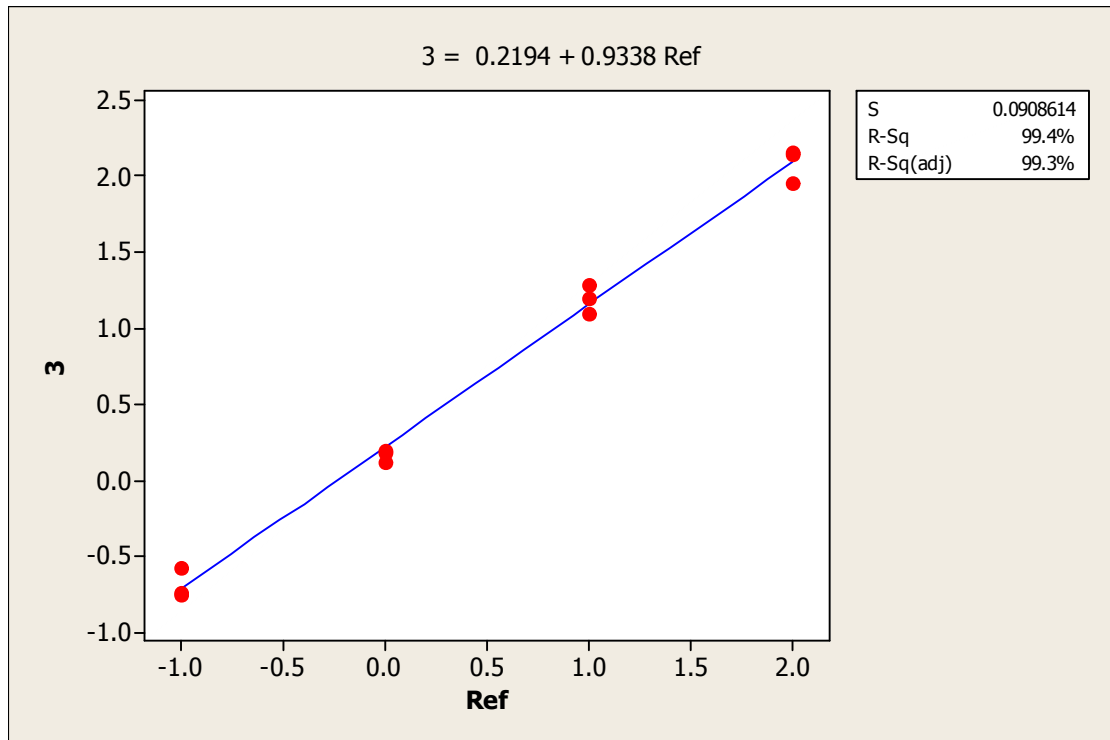


b3a2 / ABL Extracted

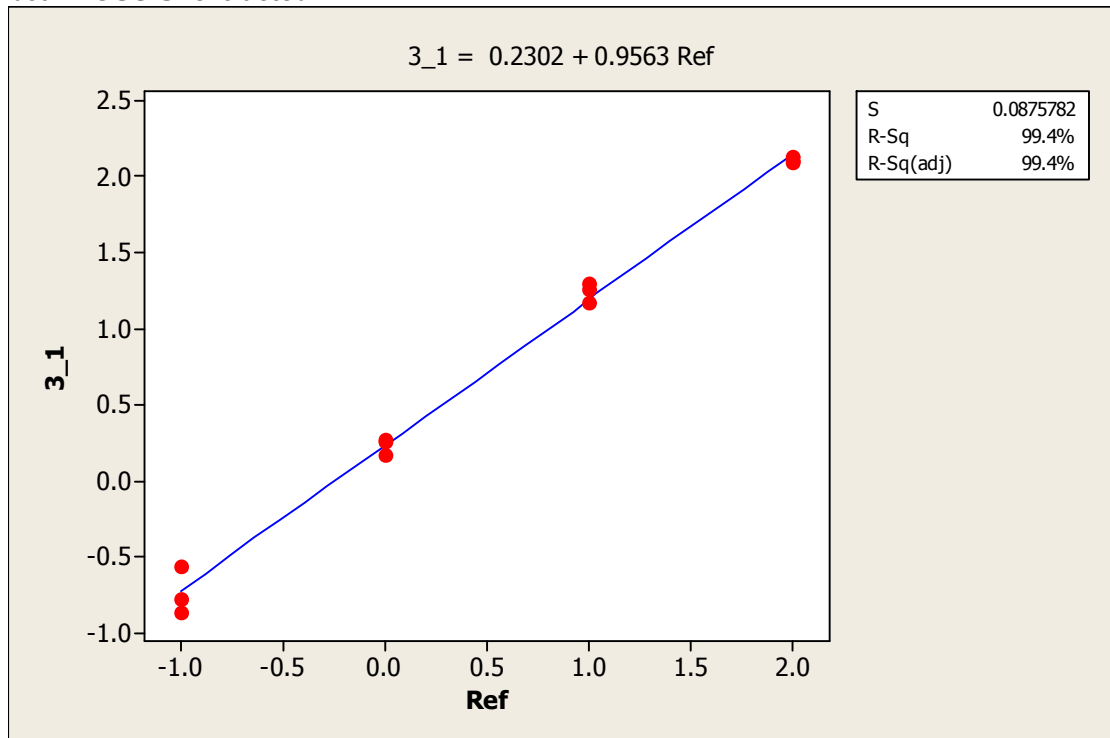


Lab 3

b3a2 / GUS Unextracted

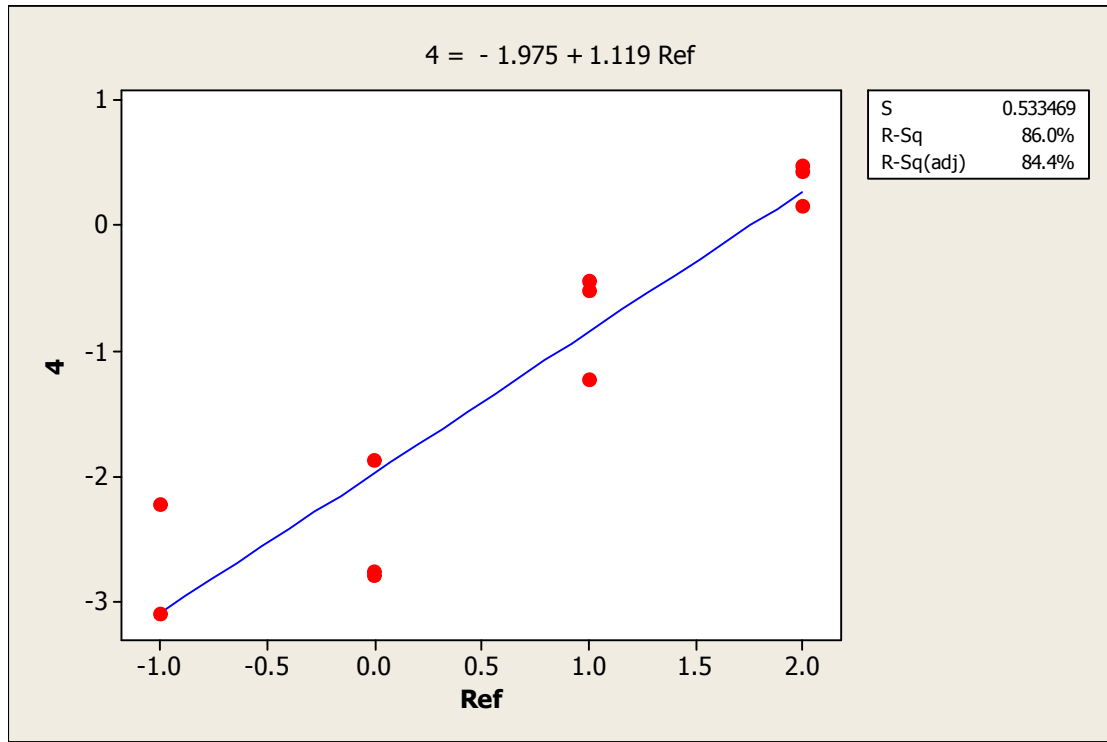


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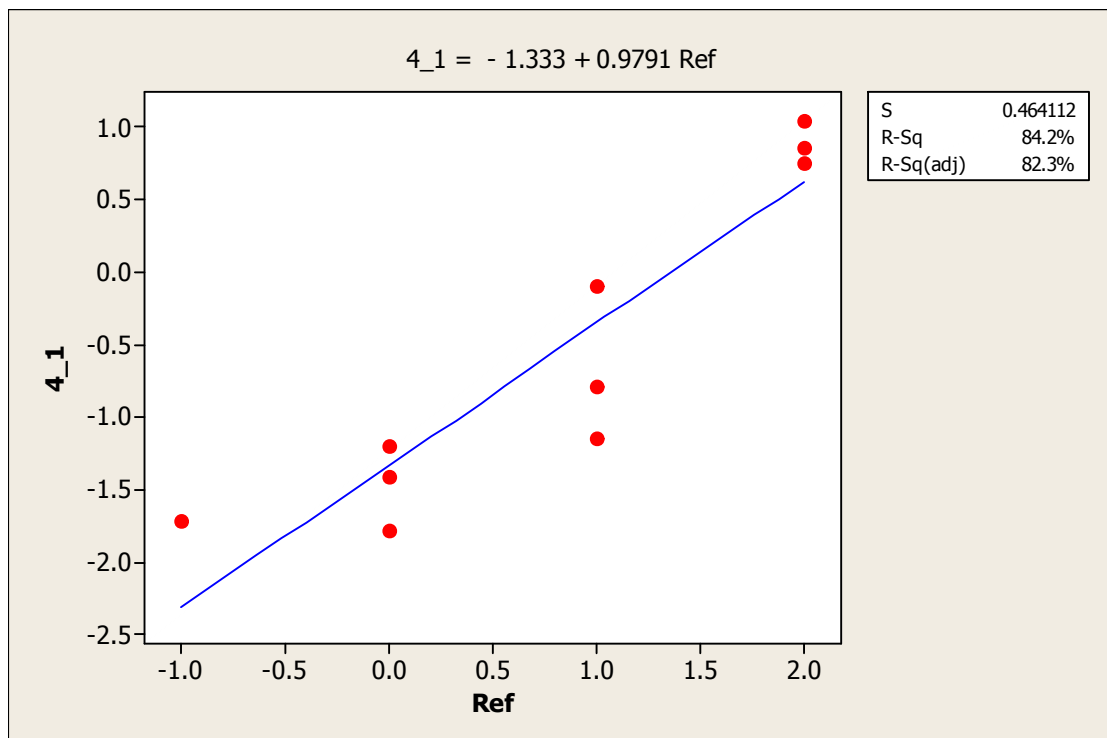


Lab 4

b3a2 / ABL Unextracted

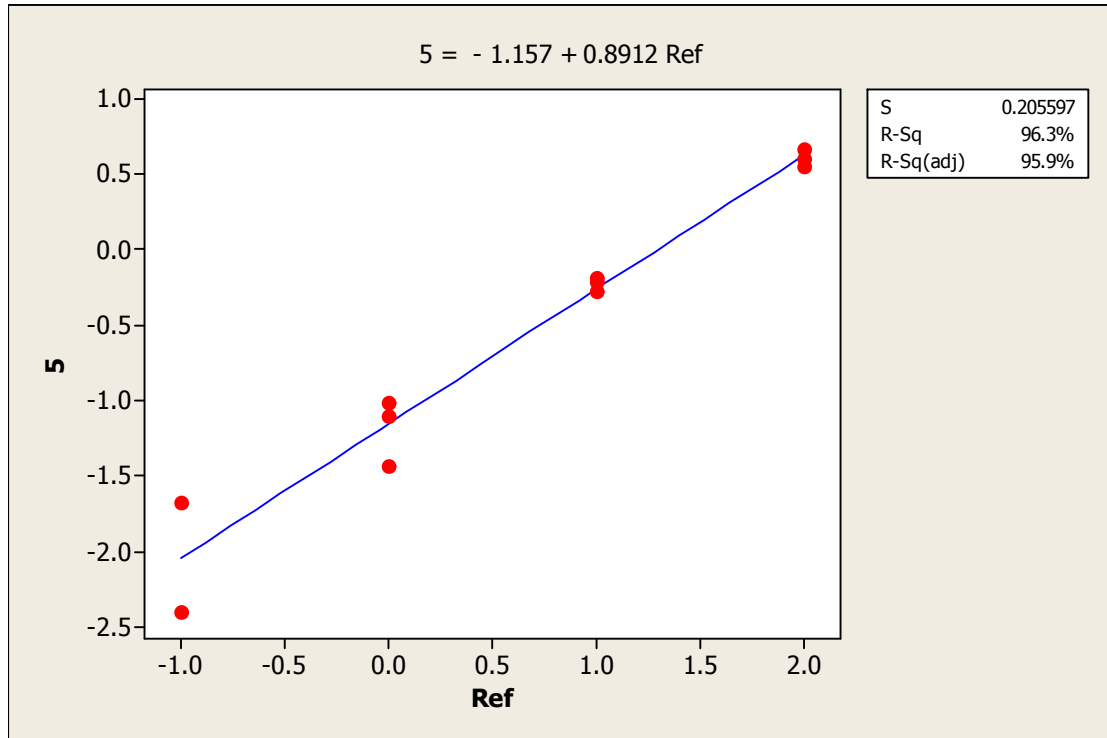


b3a2 / ABL Extracted



Lab 5

b3a2 / ABL Unextracted

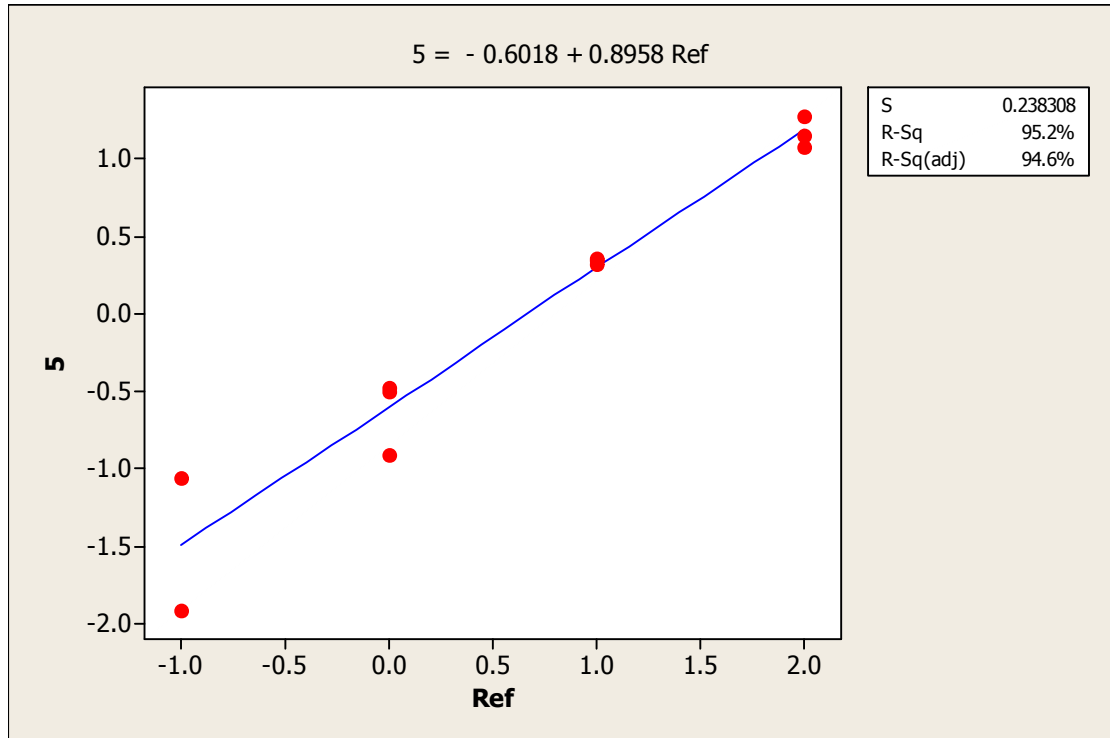


b3a2 / ABL Extracted

**** Insufficient data points available ****

Lab 5

b3a2 / GUS Unextracted

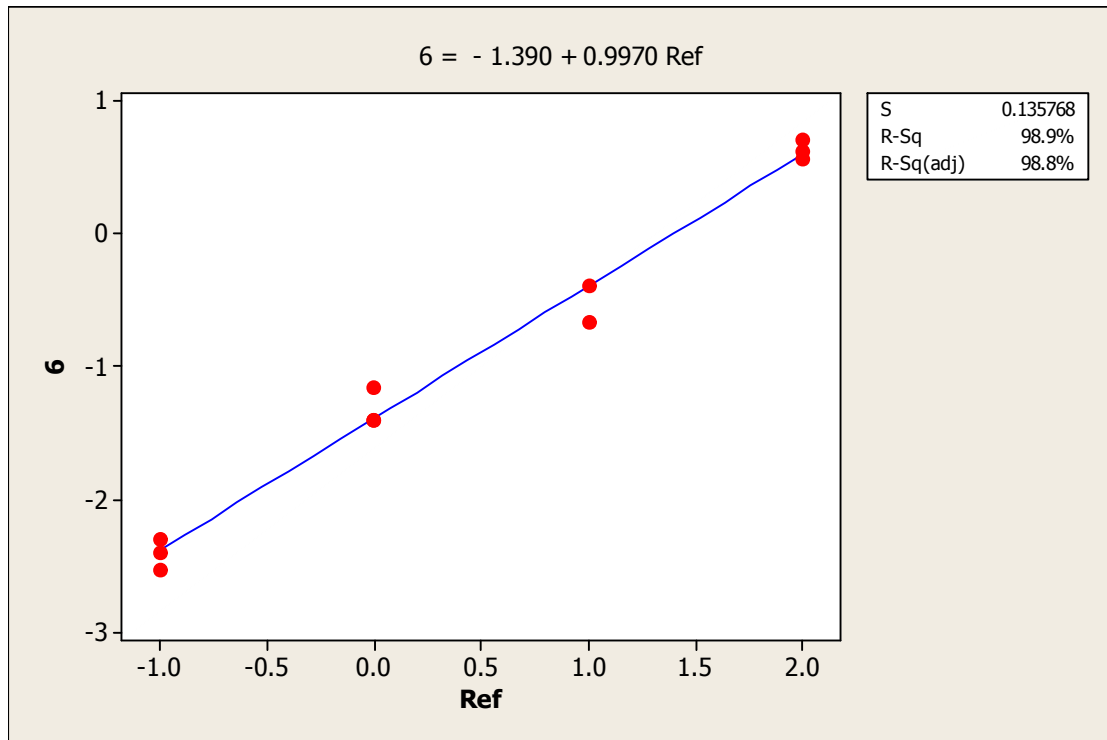


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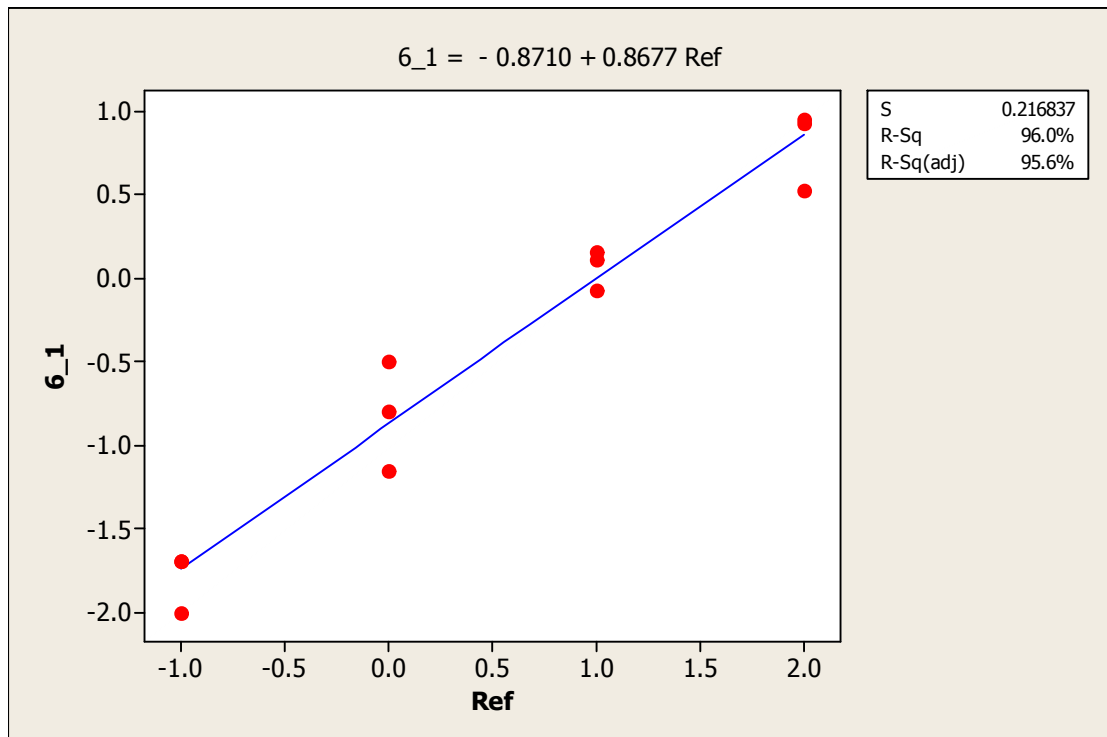
**** Insufficient data points available ****

Lab 6

b3a2 / ABL Unextracted

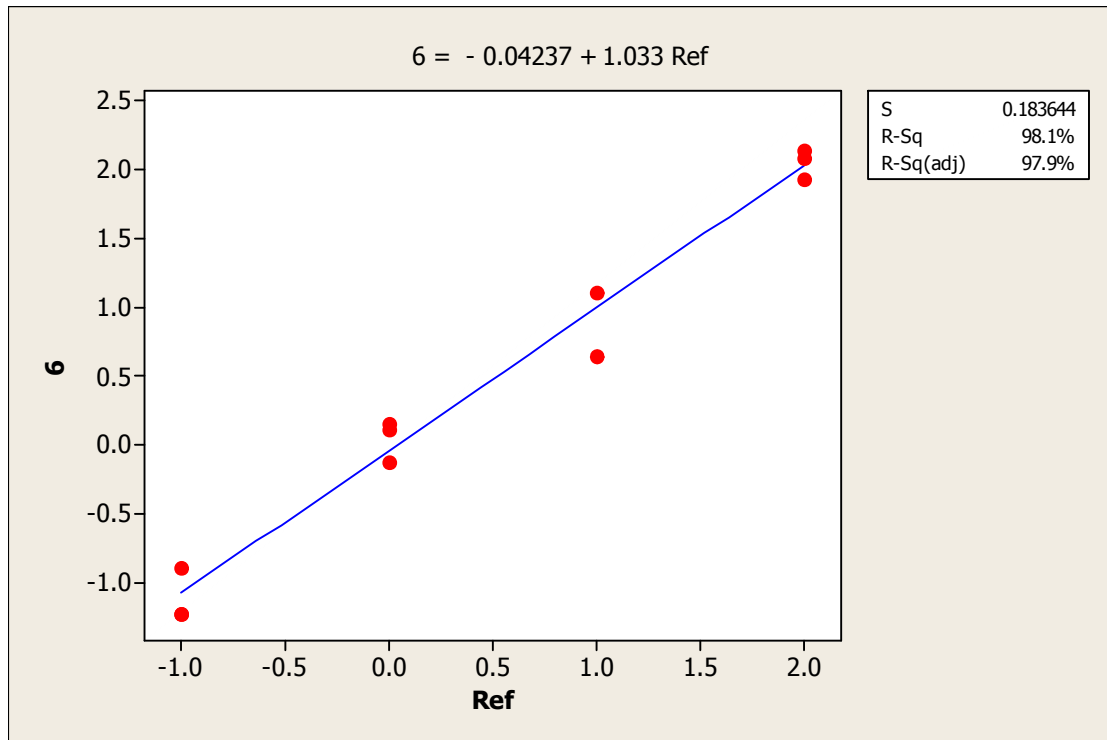


b3a2 / ABL Extracted

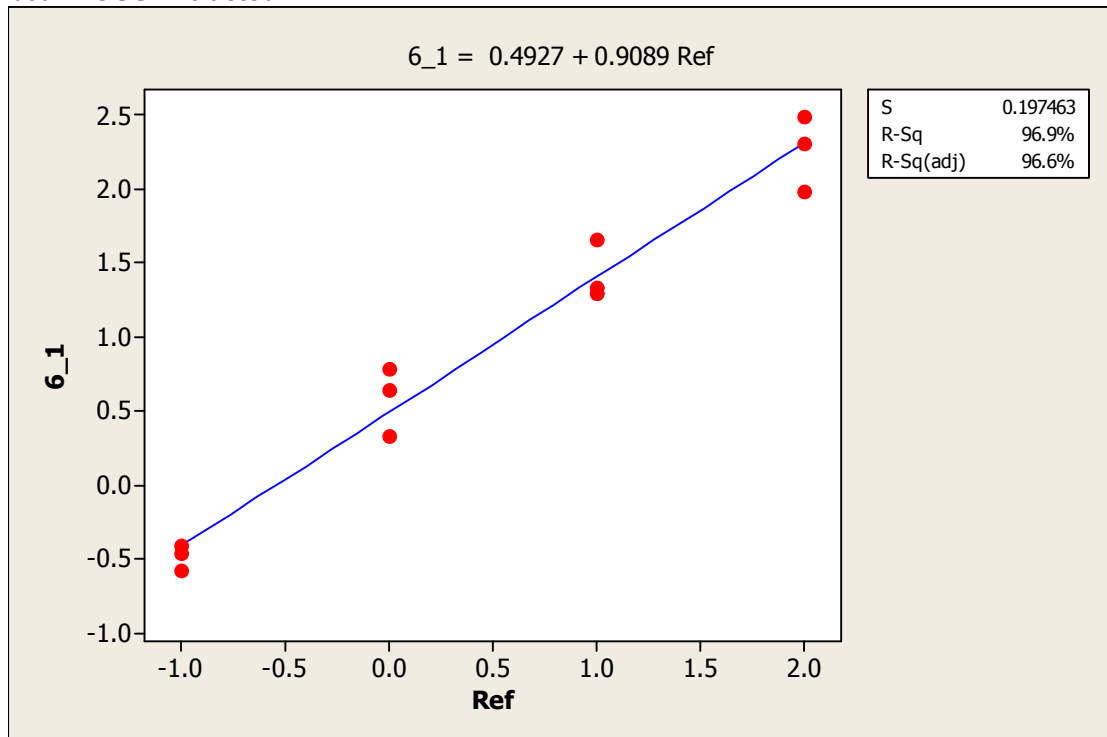


Lab 6

b3a2 / GUS Unextracted

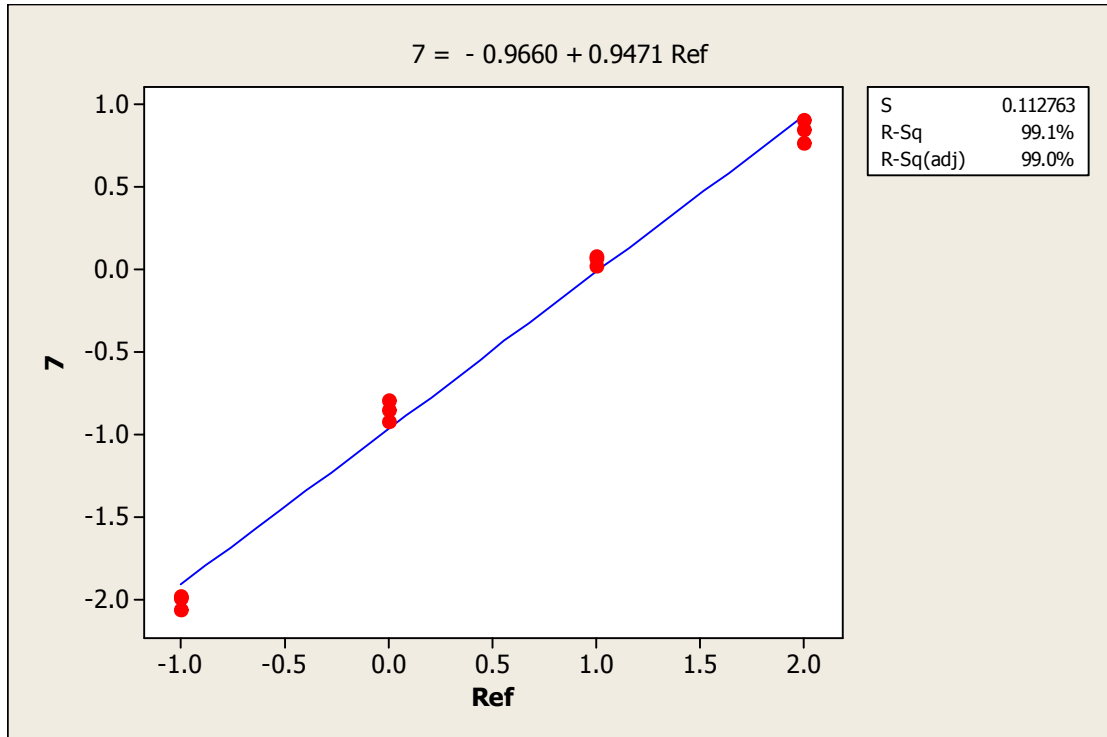


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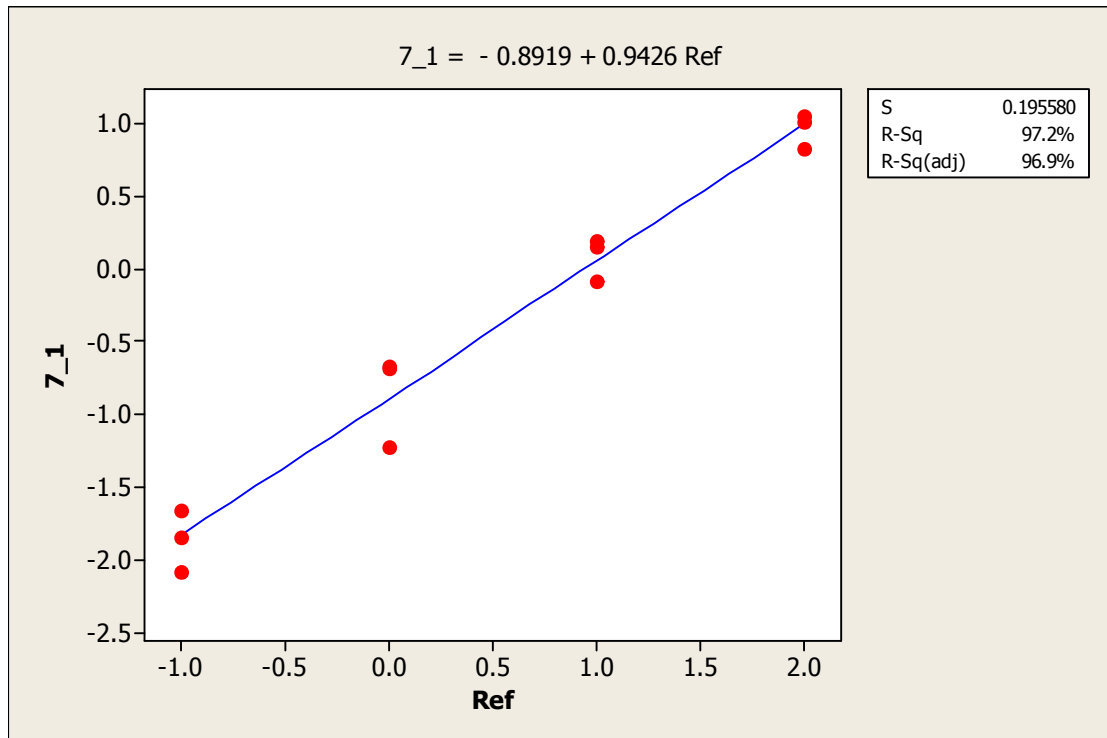


Lab 7

b3a2 / ABL Unextracted

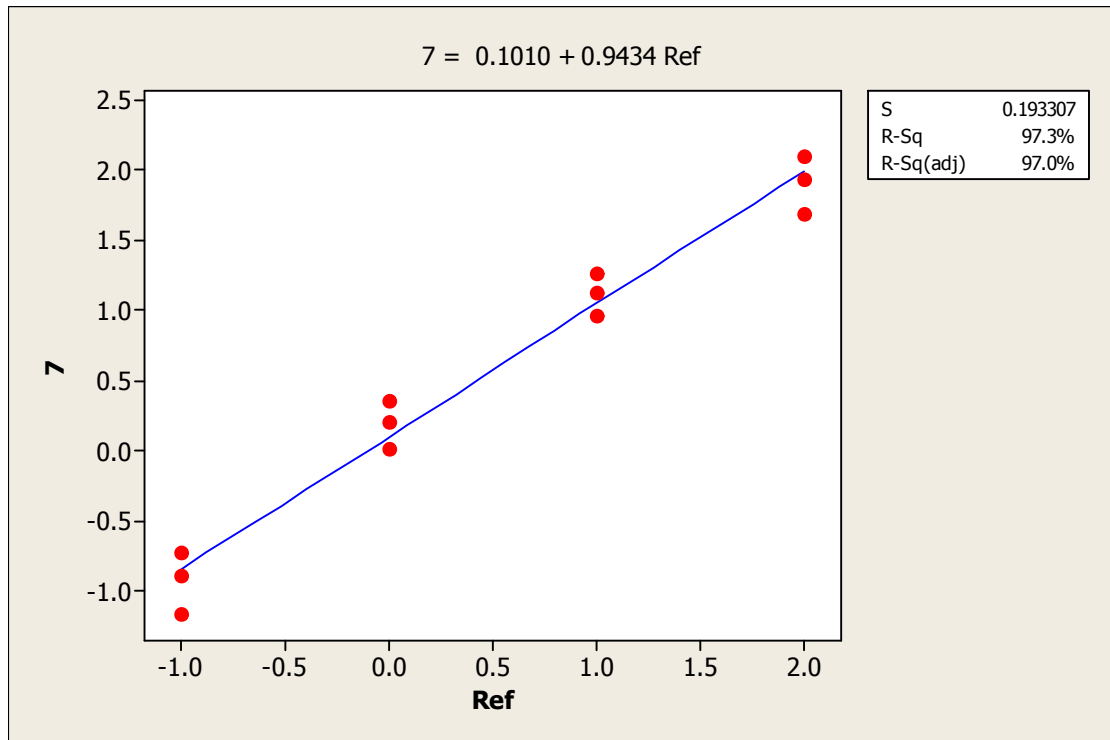


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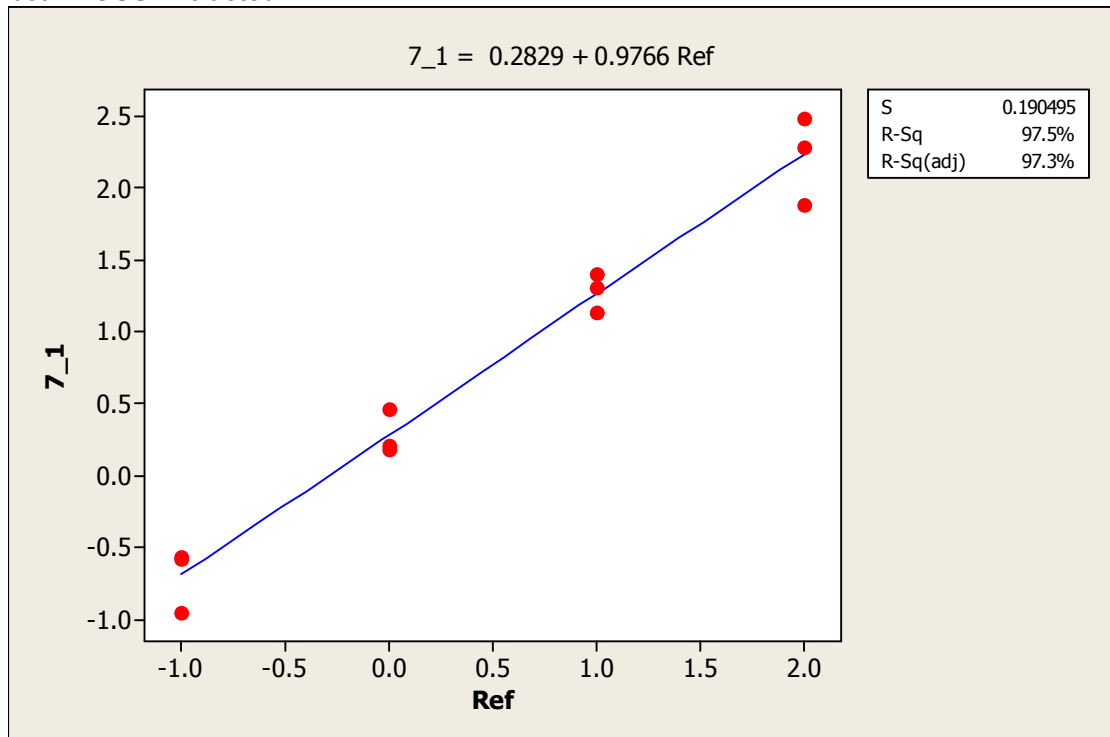


Lab 7

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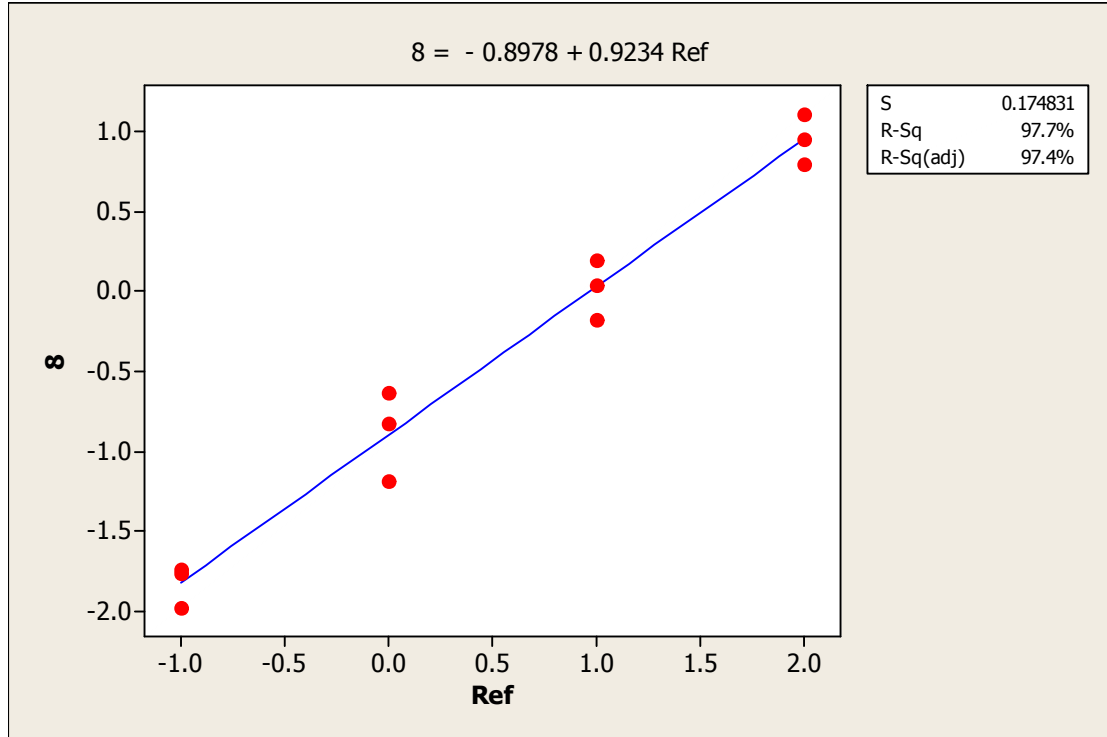


b3a2 / GUS Extracted

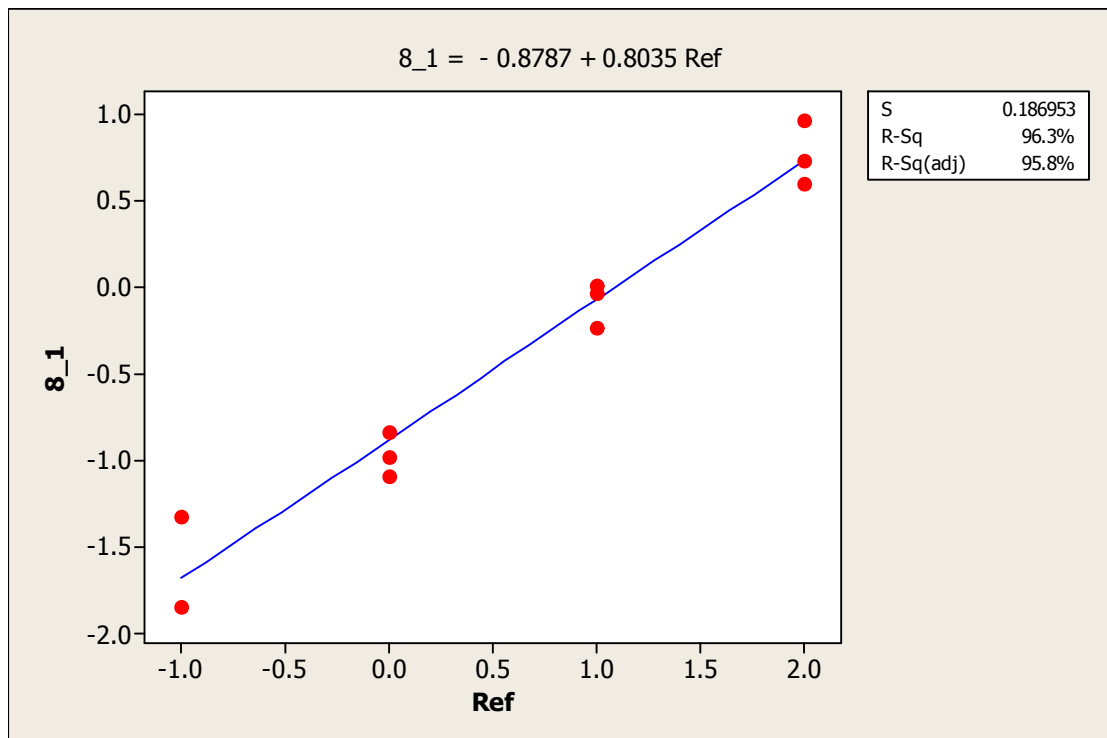


Lab 8

b3a2 / ABL Unextracted

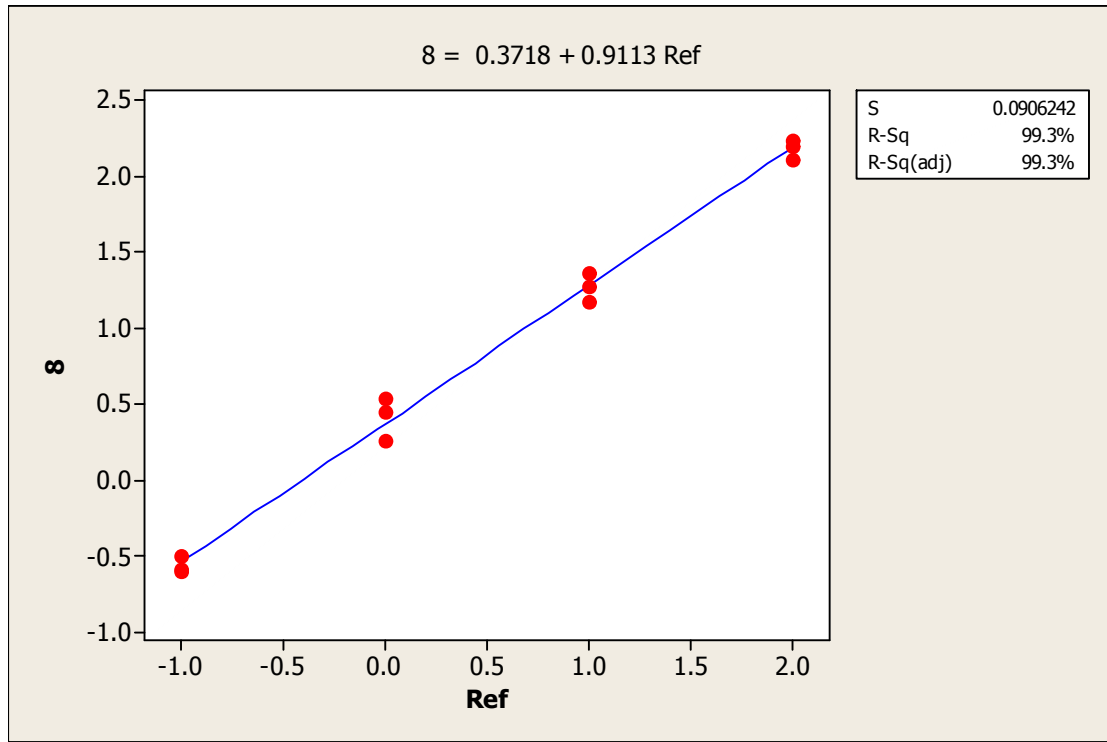


b3a2 / ABL Extracted

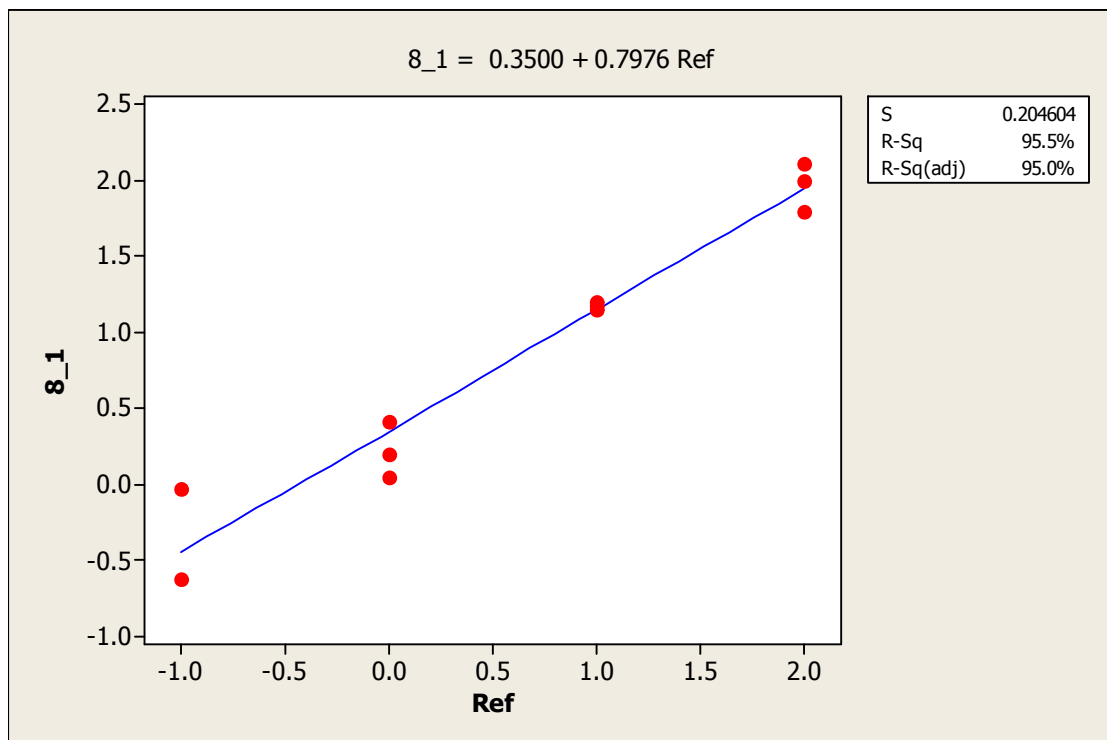


Lab 8

b3a2 / BCR Unextracted

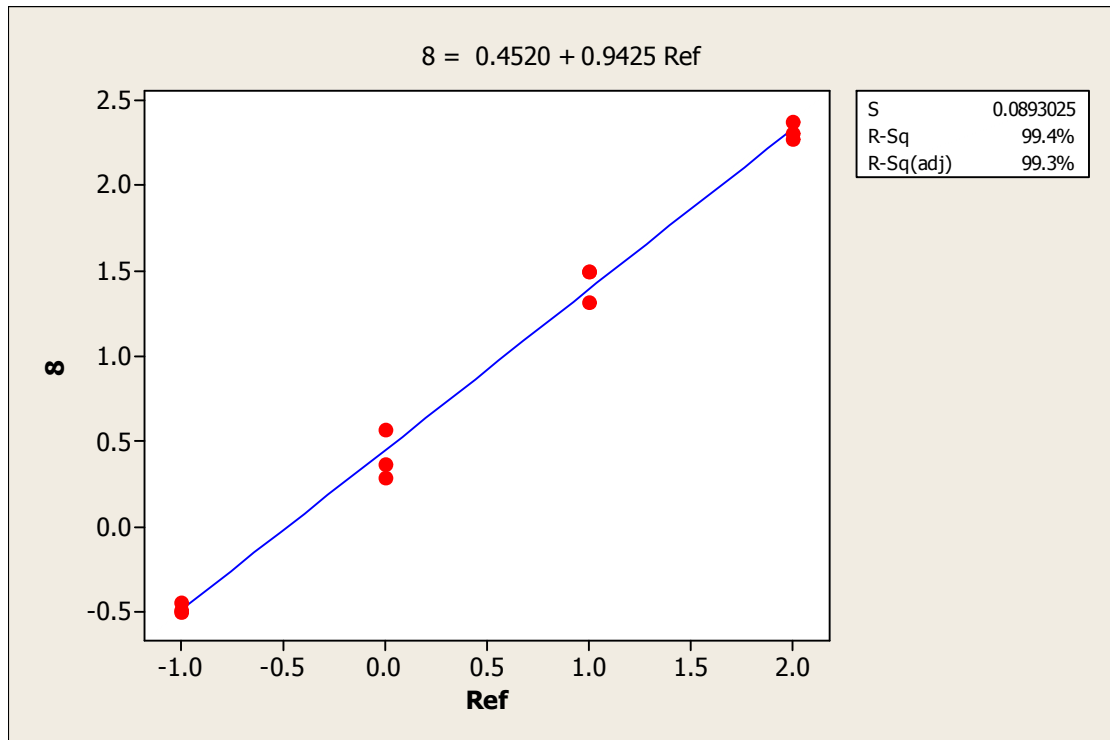


b3a2 / BCR Extracted

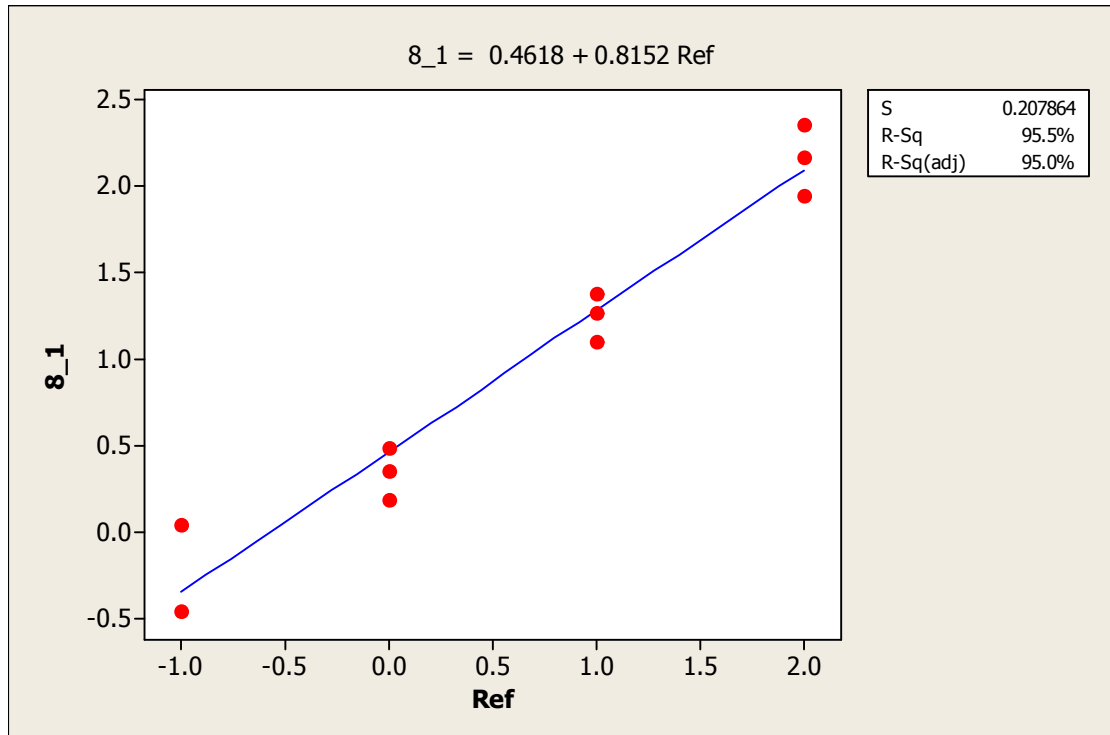


Lab 8

b3a2 / GUS Unextracted

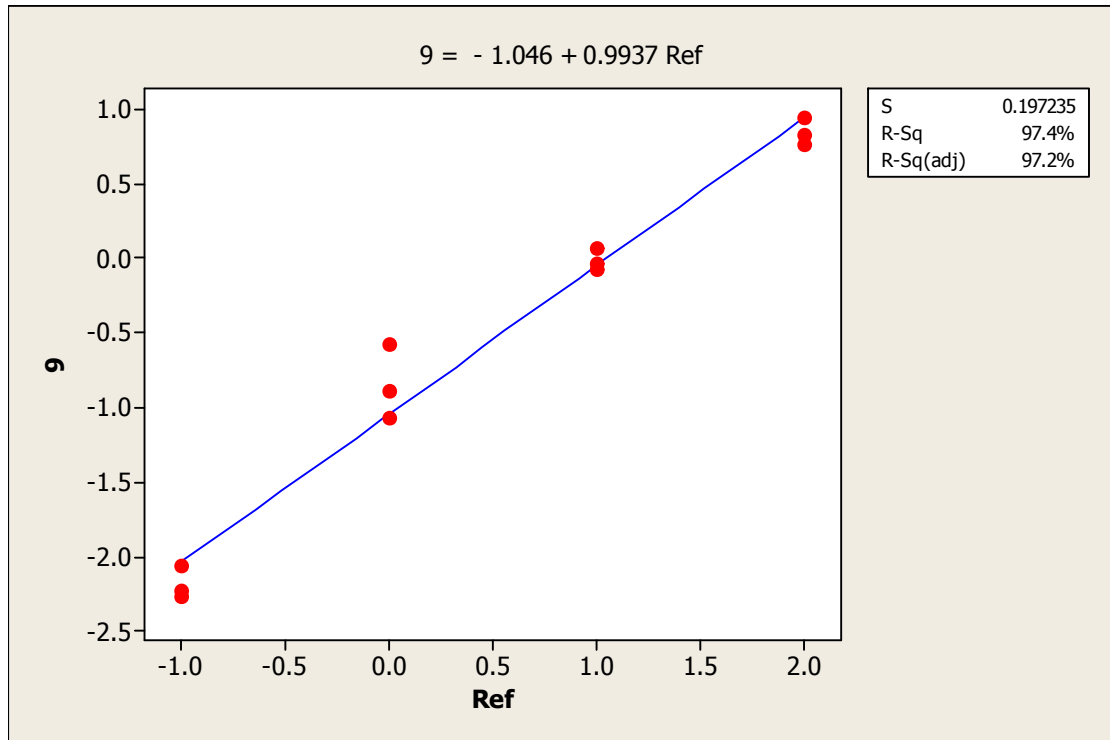


b3a2 / GUS Extracted

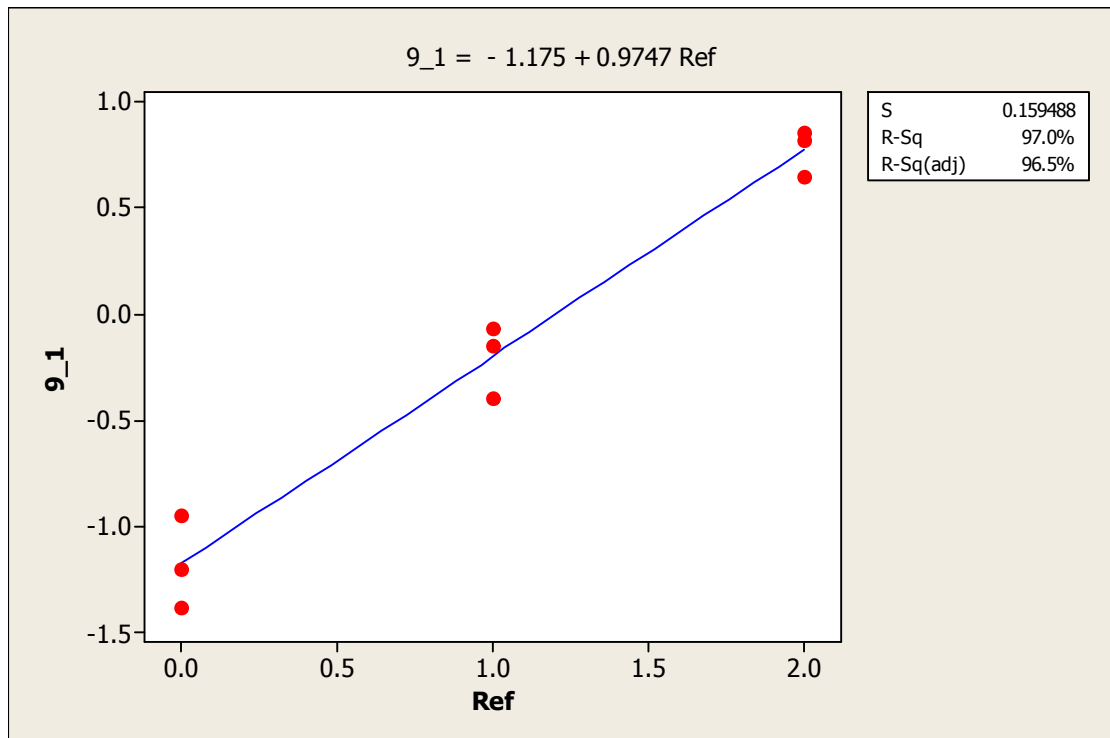


Lab 9

b3a2 / ABL Unextracted

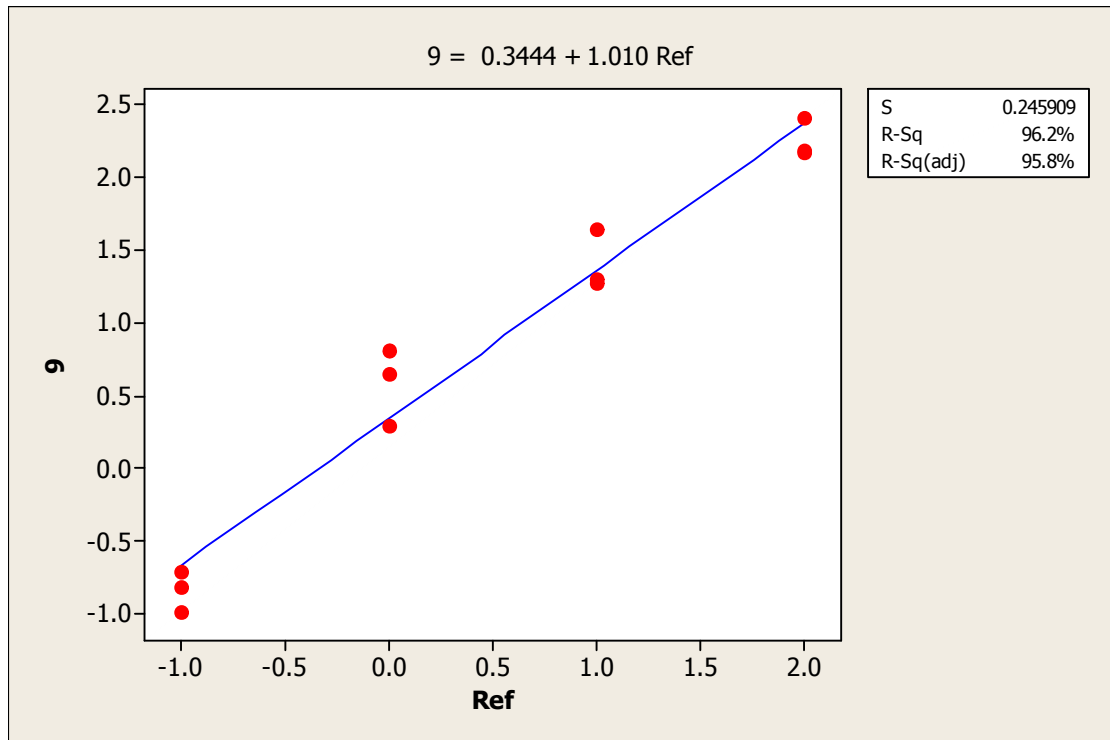


b3a2 / ABL Extracted

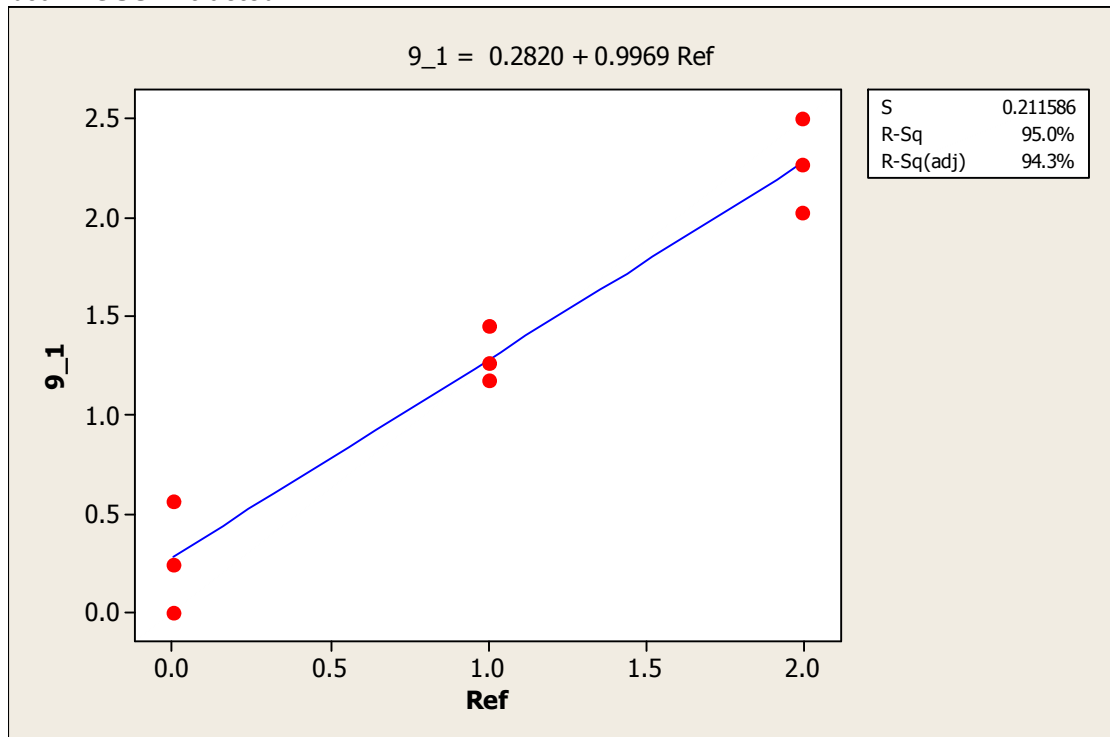


Lab 9

b3a2 / GUS Unextracted

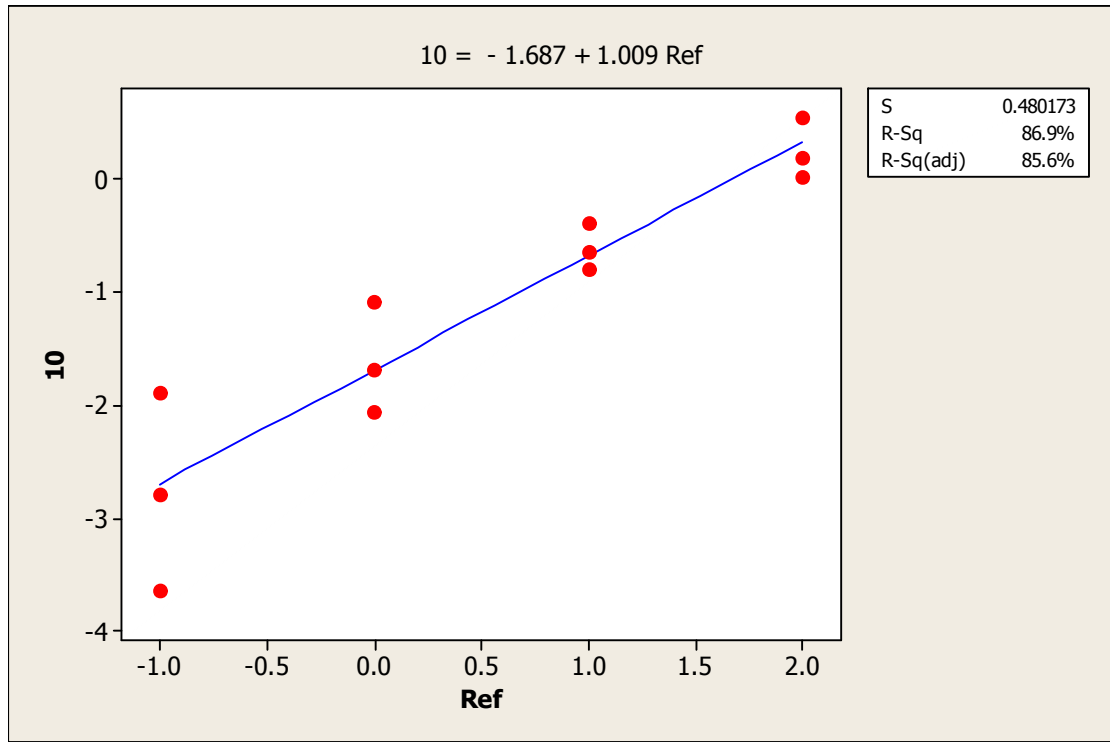


b3a2 / GUS Extracted

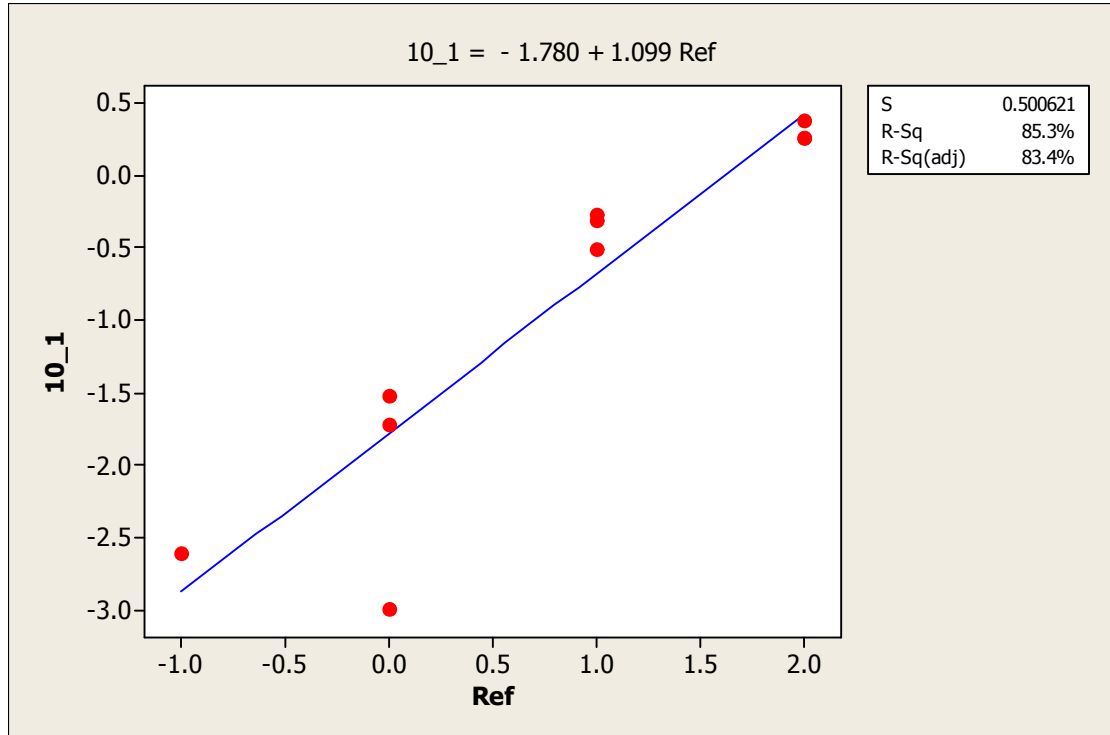


Lab 10

b3a2 / ABL Unextracted

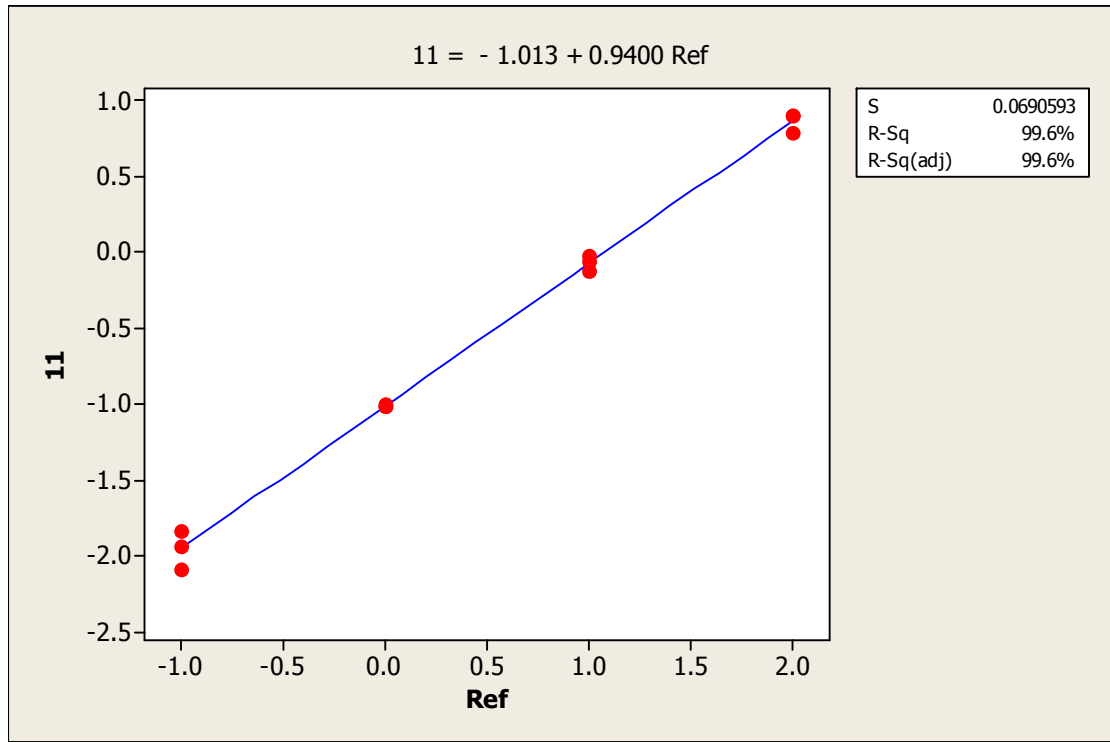


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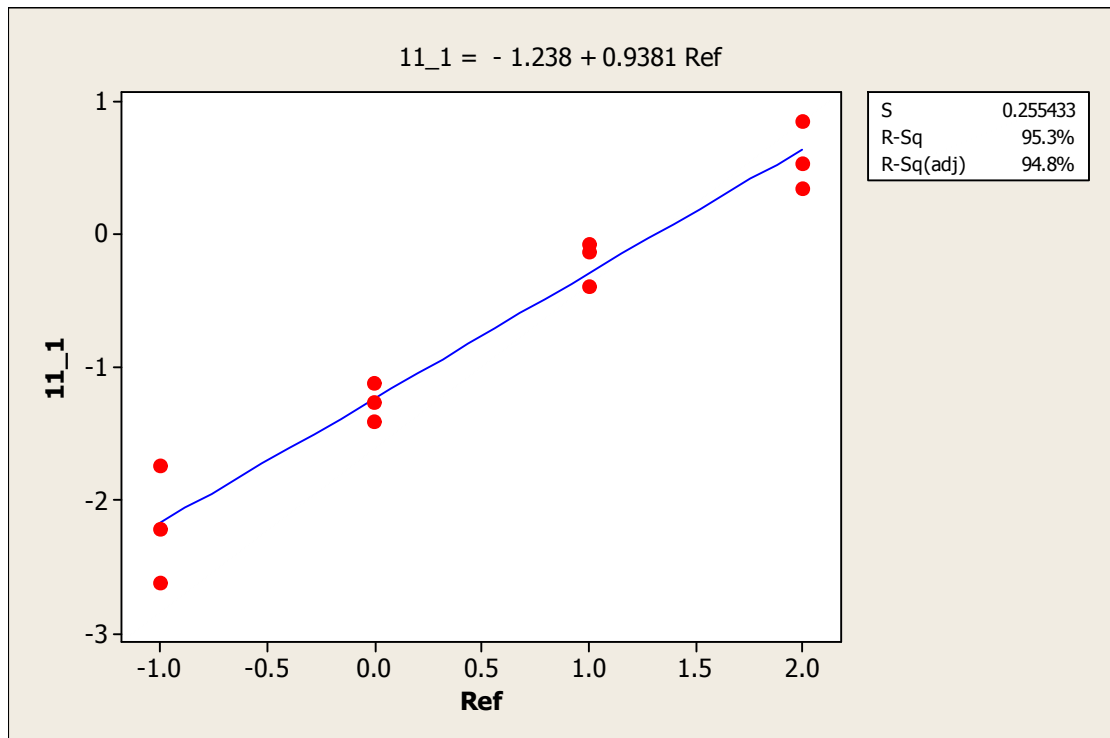


Lab 11

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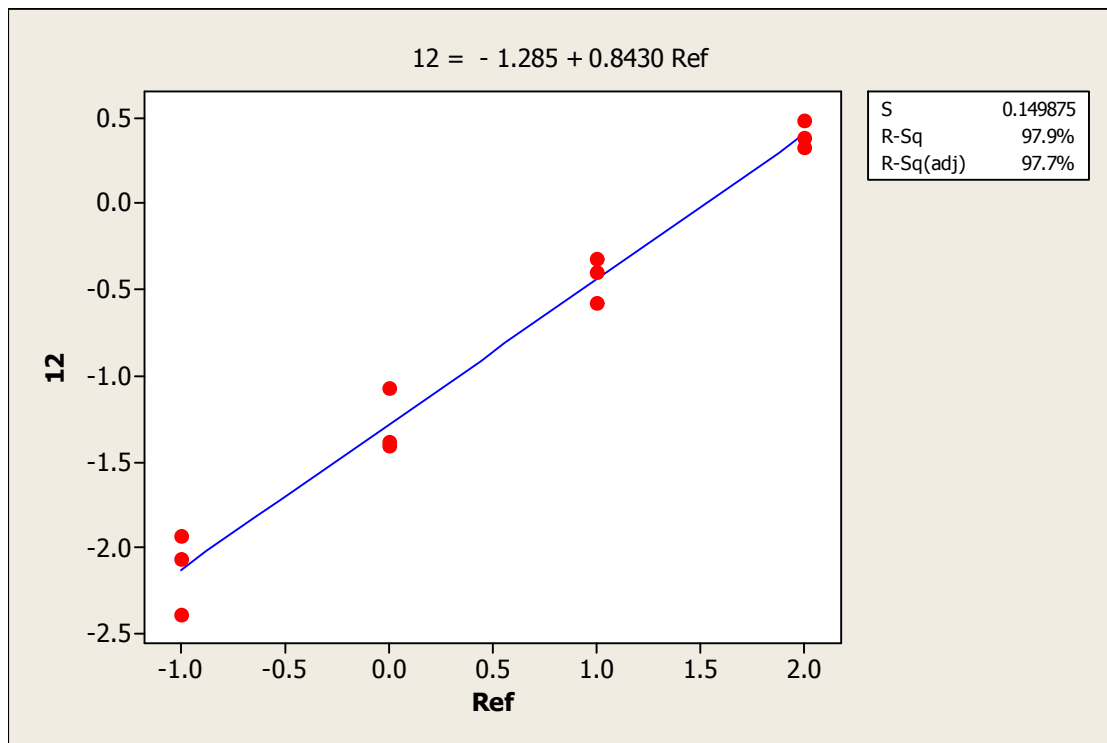


b3a2 / ABL Extracted



Lab 12

b3a2 / ABL Unextracted

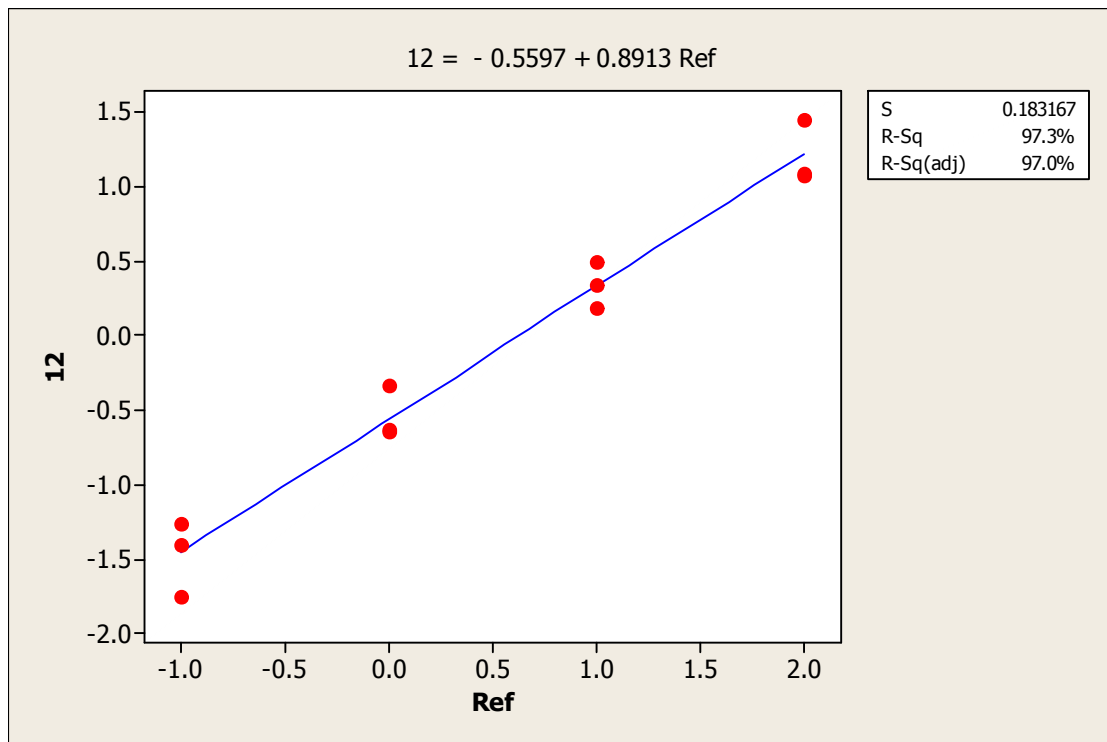


b3a2 / ABL Extracted

**** Insufficient data points available ****

Lab 12

b3a2 / GUS Unextracted

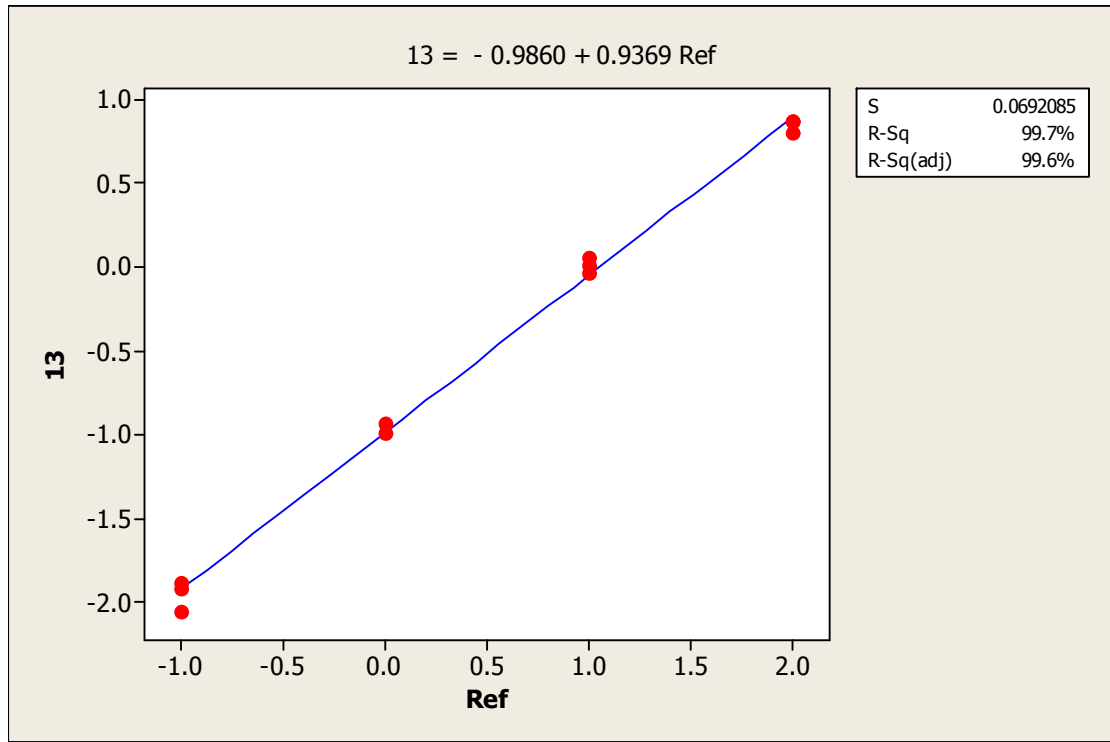


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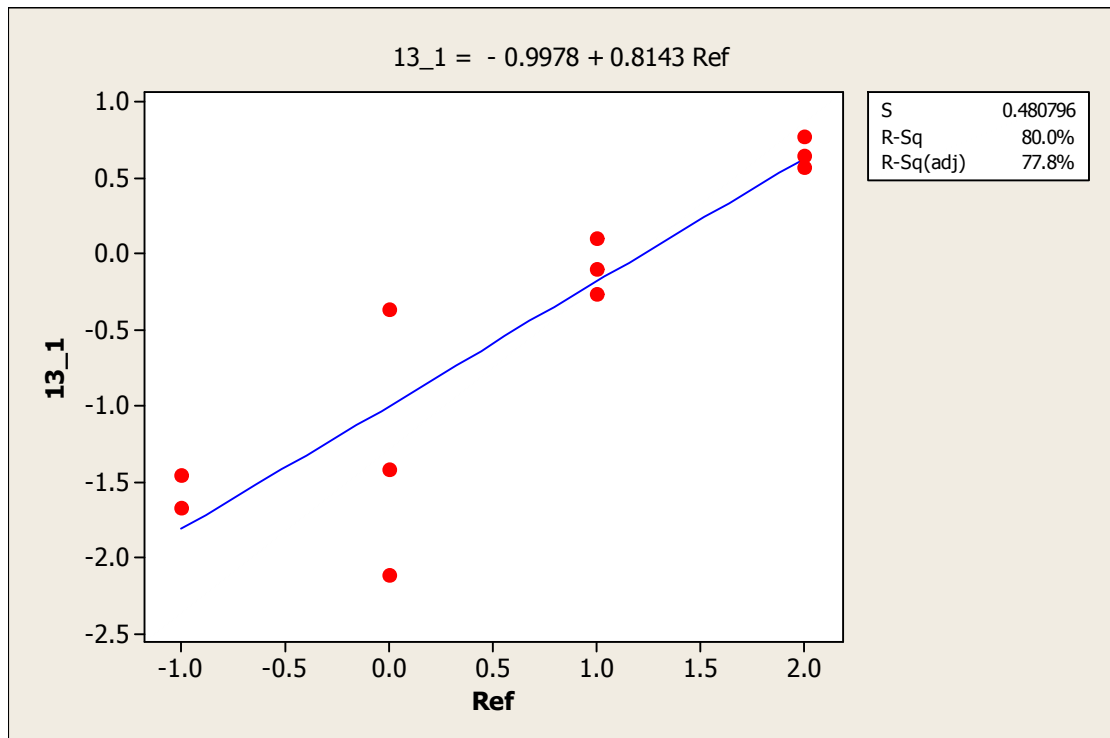
**** Insufficient data points available ****

Lab 13

b3a2 / ABL Unextracted

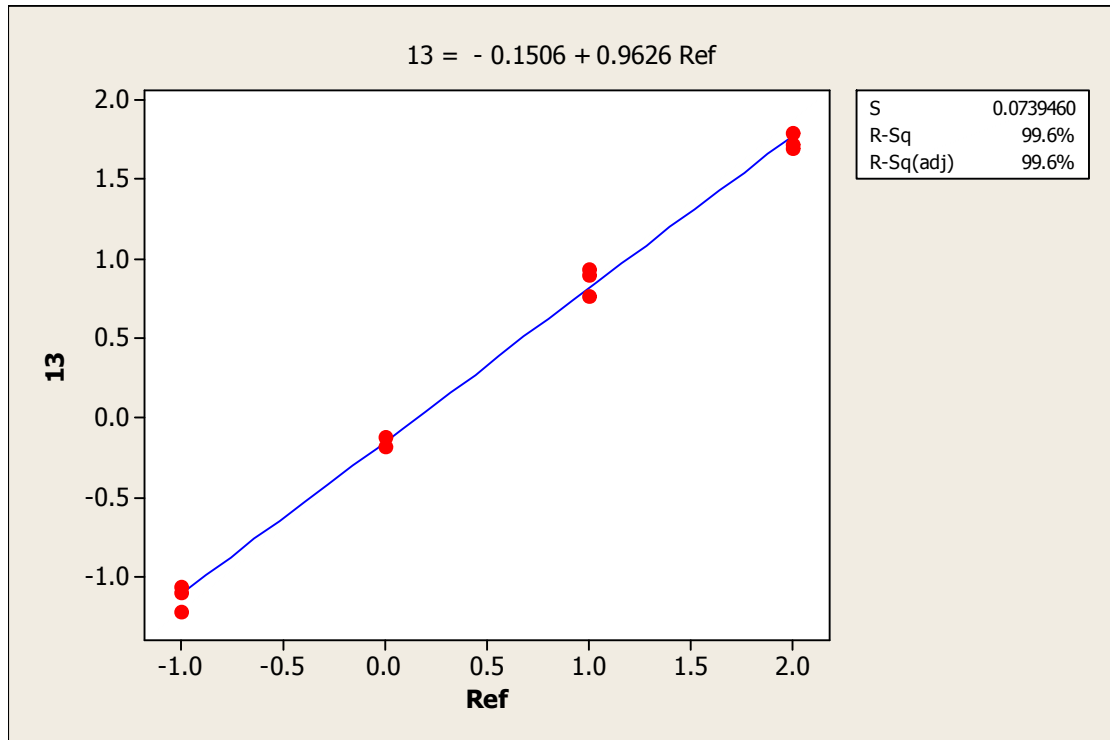


b3a2 / ABL Extracted

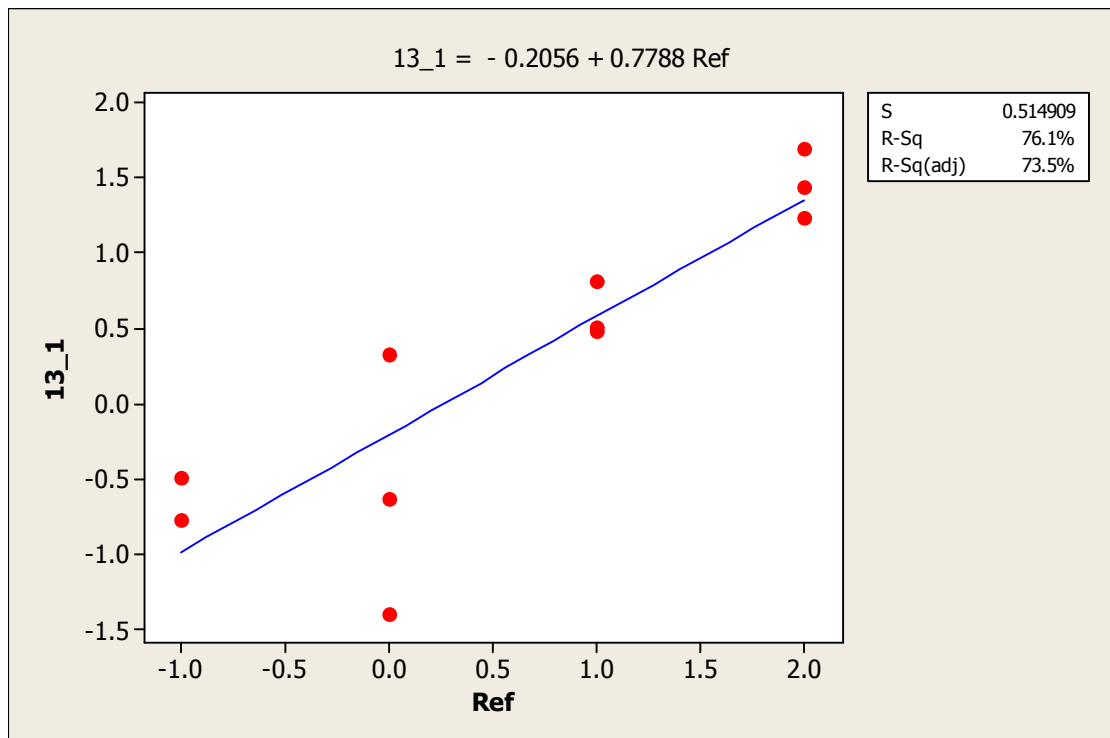


Lab 13

b3a2 / BCR Unextracted

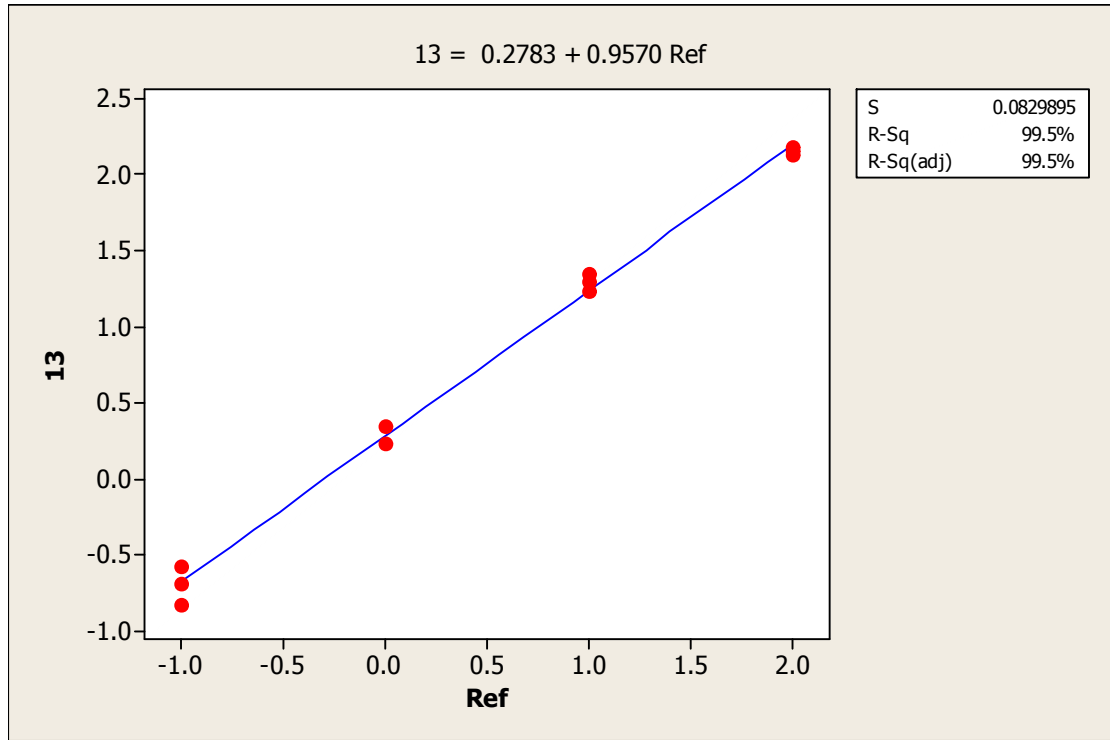


b3a2 / BCR Extracted

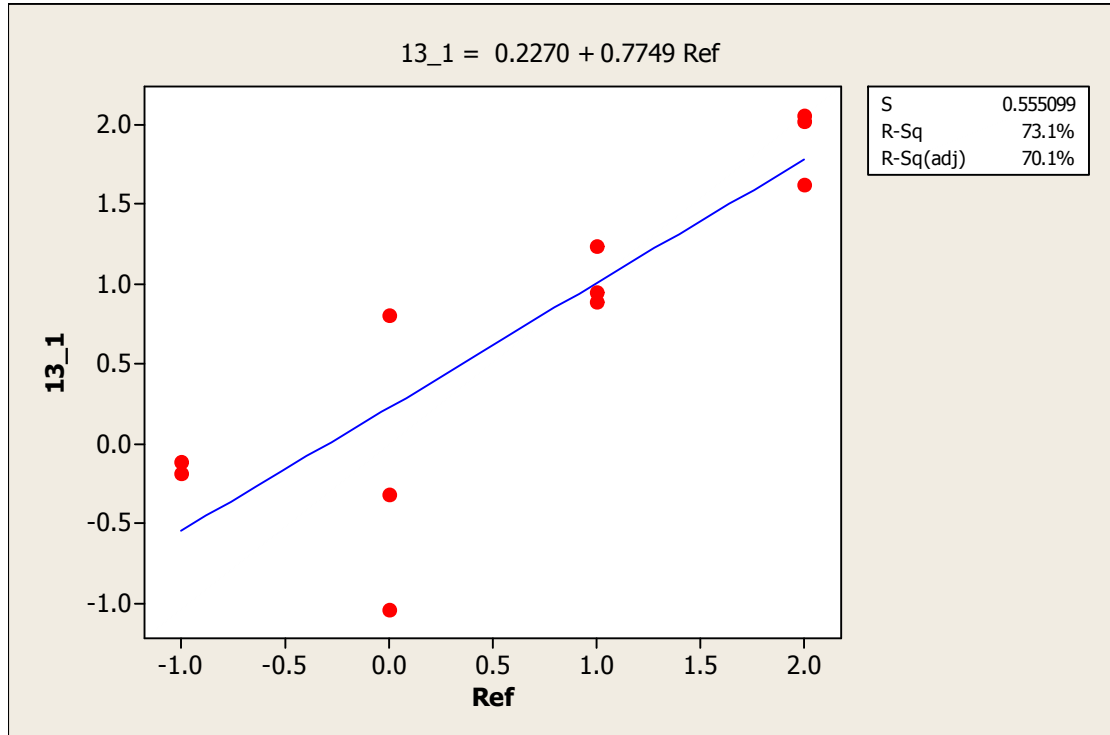


Lab 13

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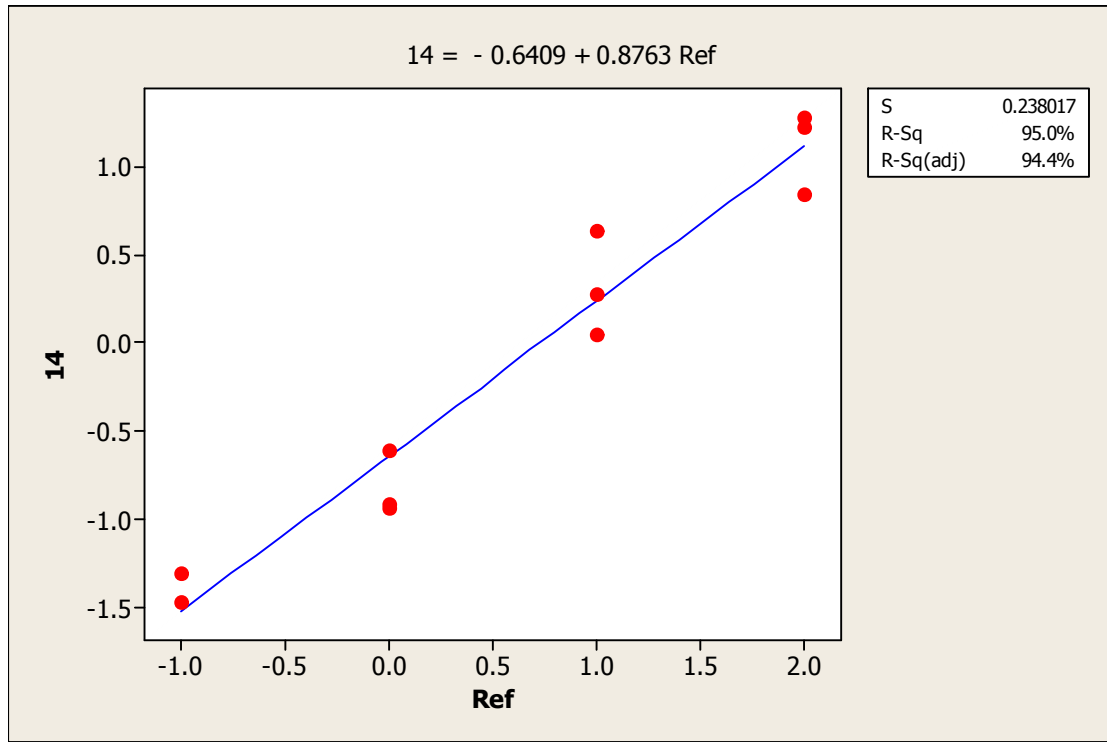


b3a2 / GUS Extracted

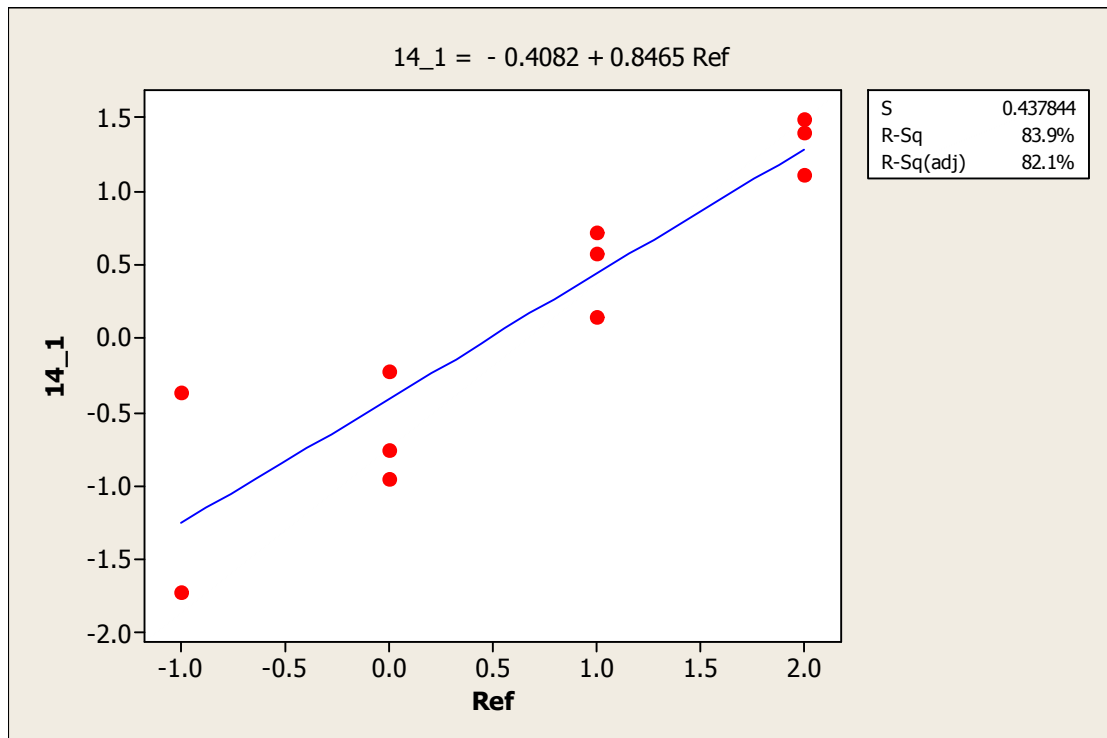


Lab 14

b3a2 / ABL Unextracted

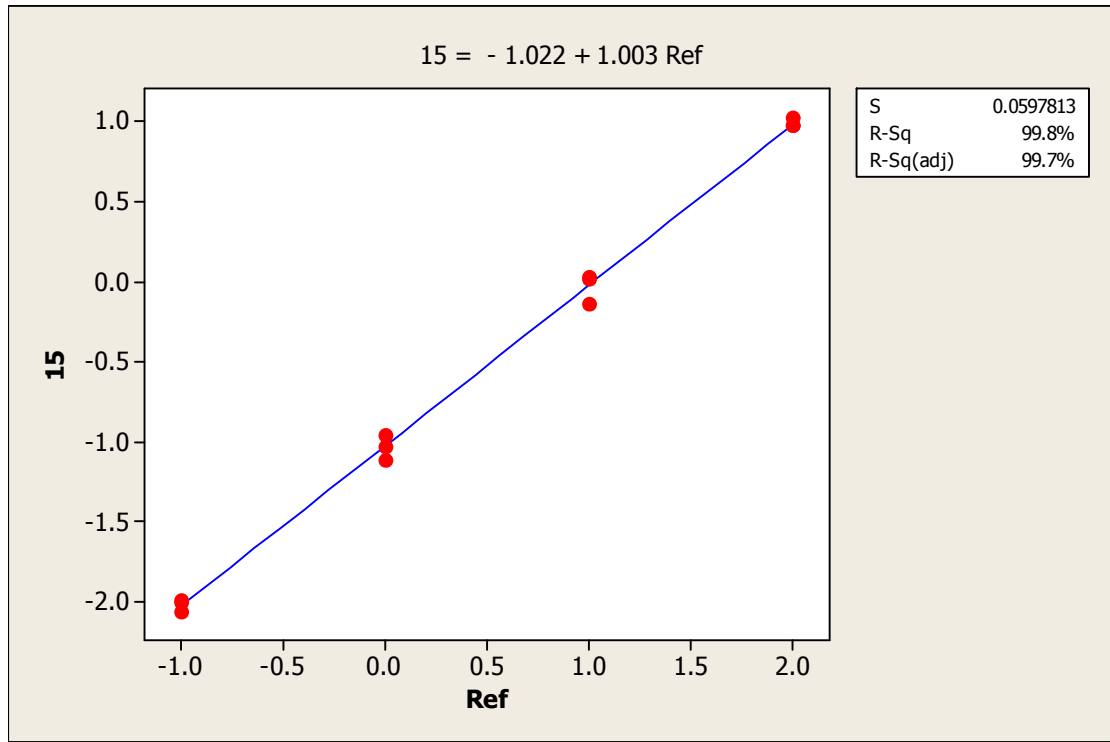


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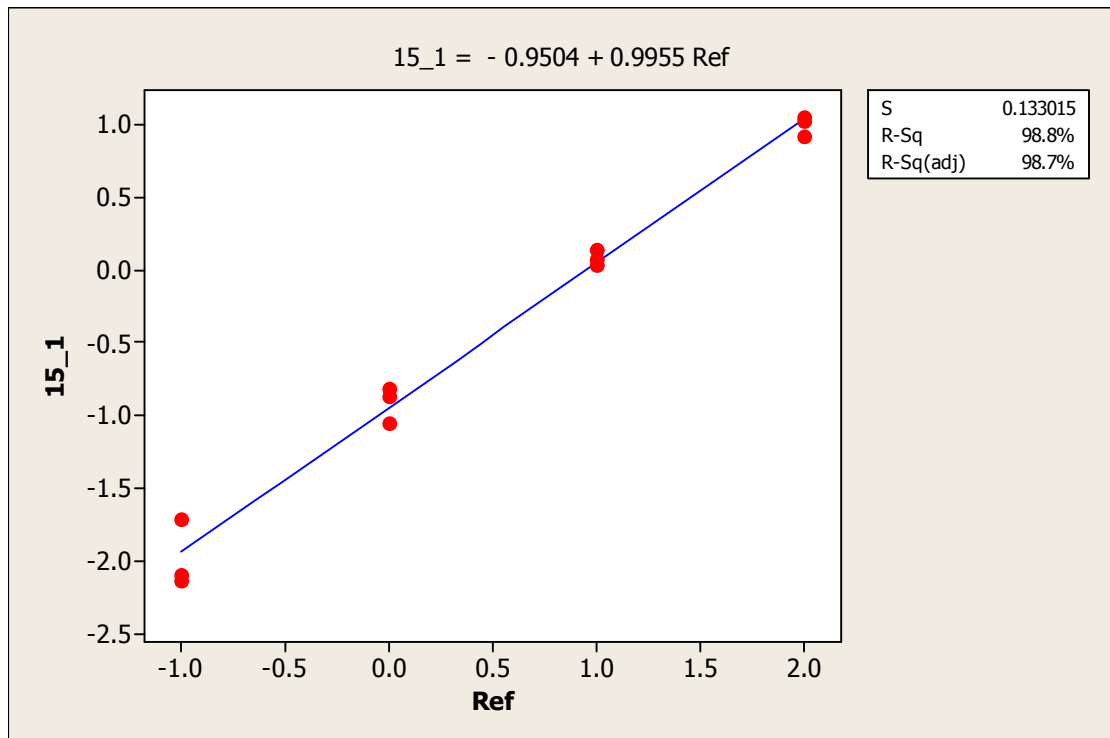


Lab 15

b3a2 / ABL Unextracted

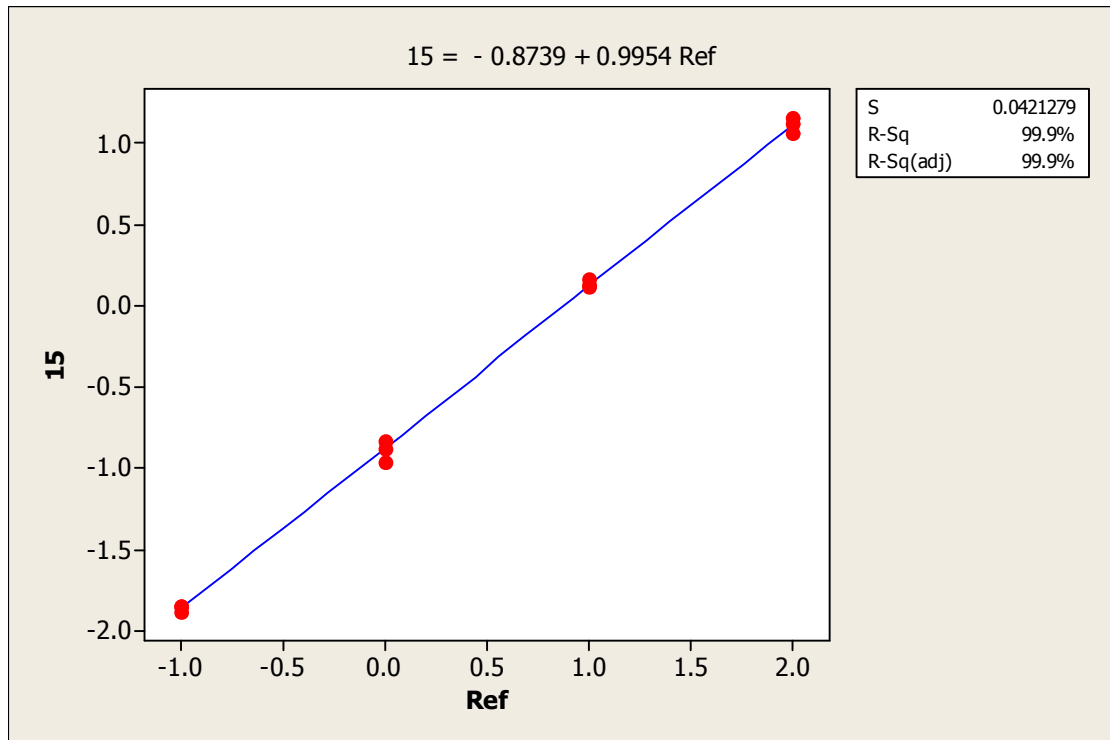


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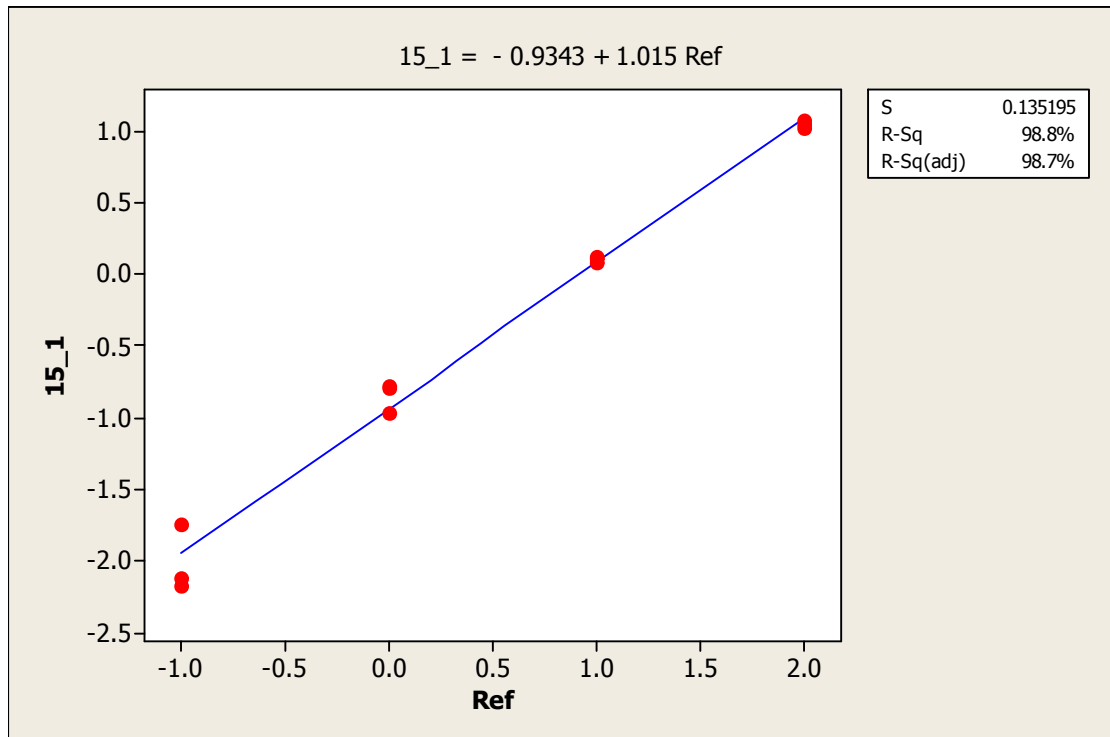


Lab 15

b3a2 / BCR Unextracted

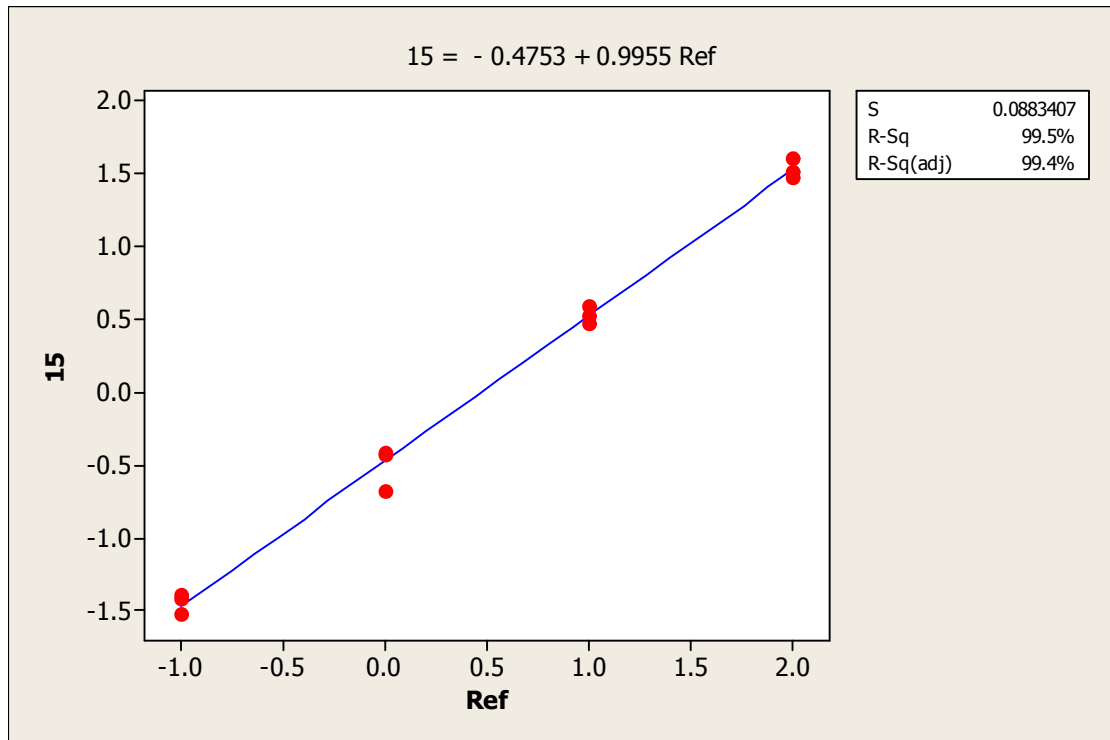


b3a2 / BCR Extracted

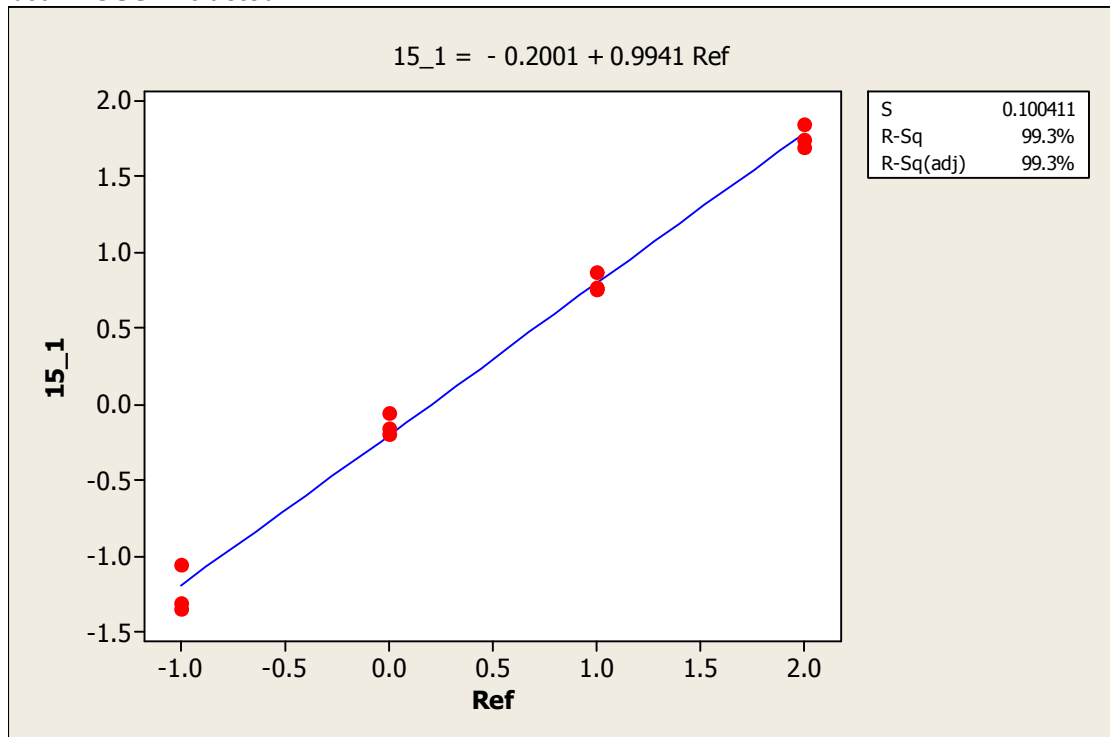


Lab 15

b3a2 / GUS Unextracted

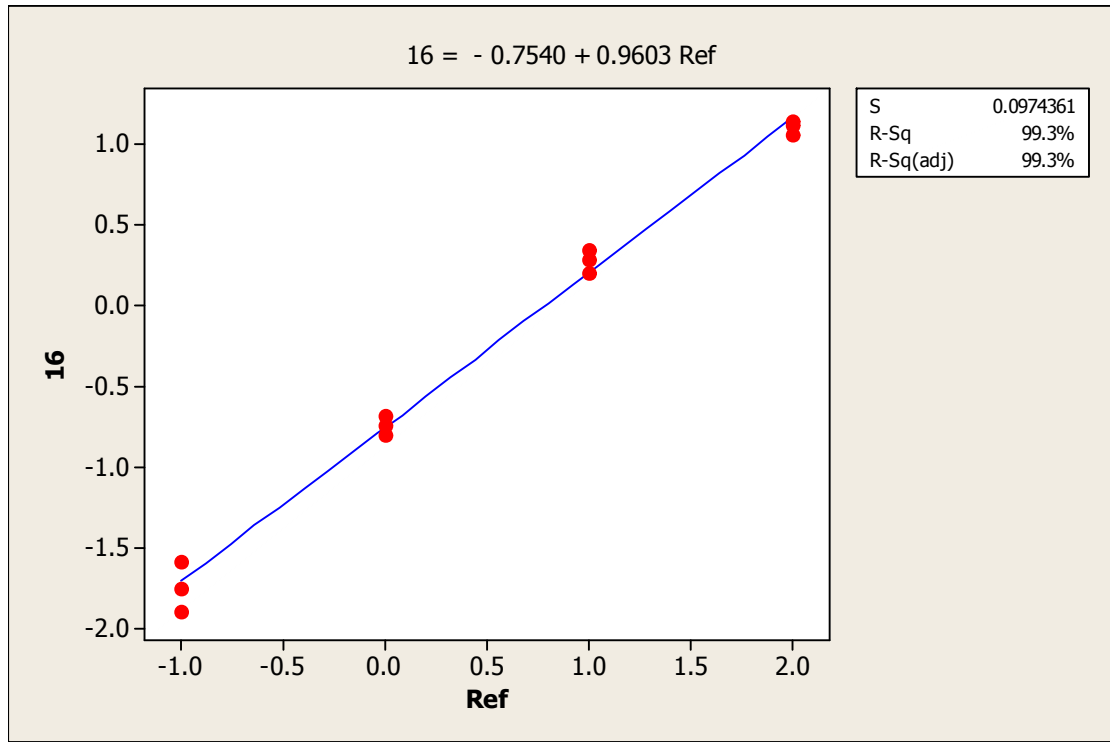


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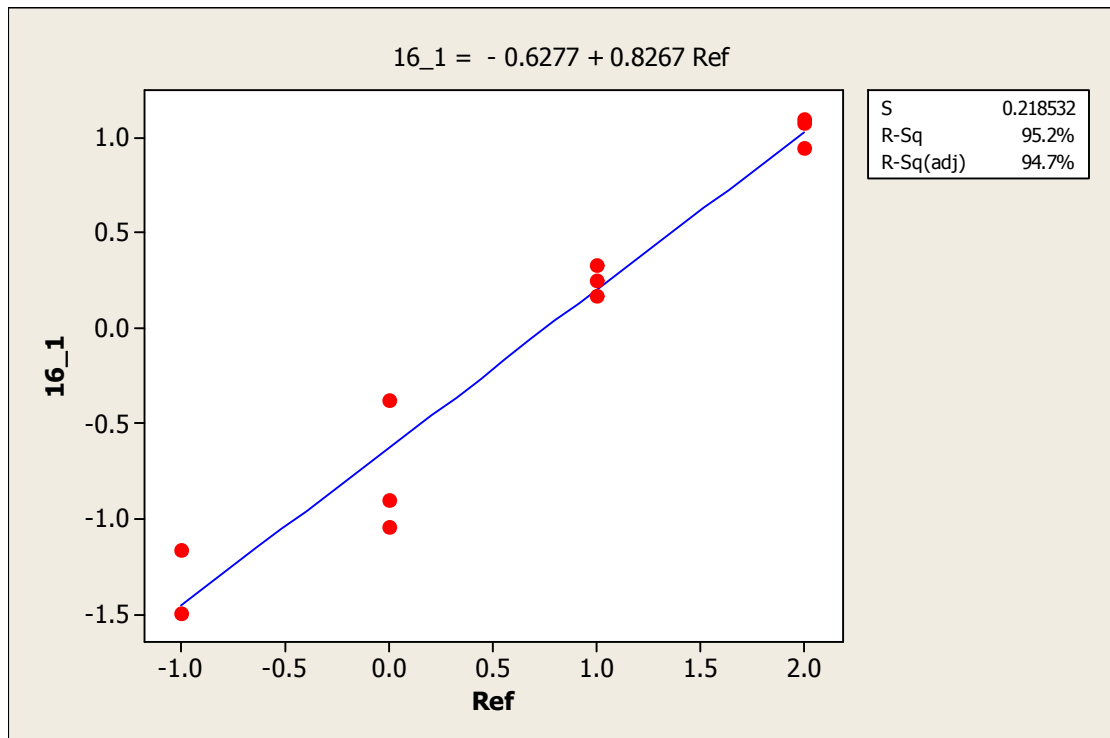


Lab 16

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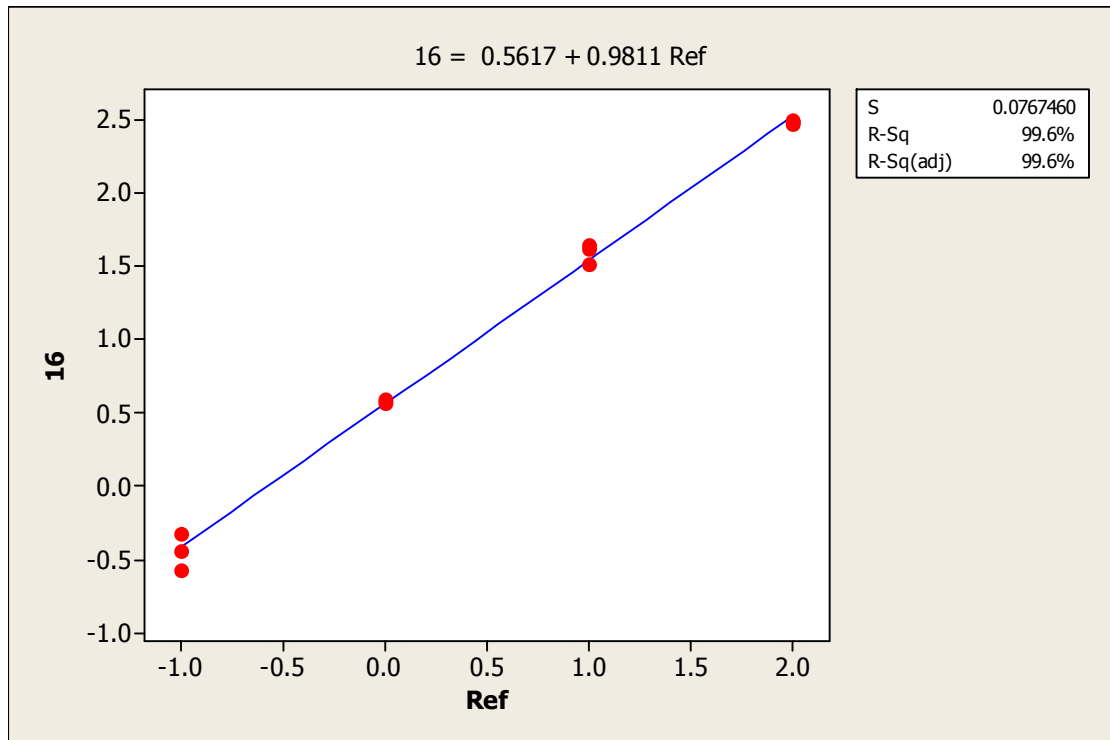


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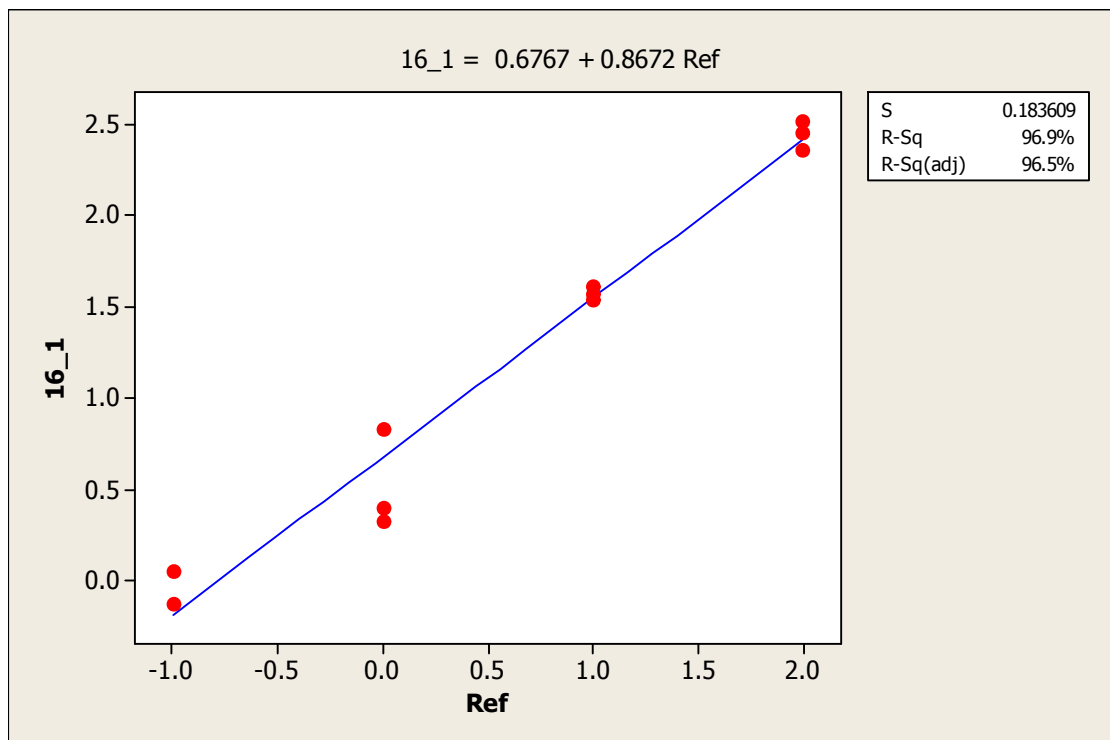


Lab 16

b3a2 / GUS Unextracted

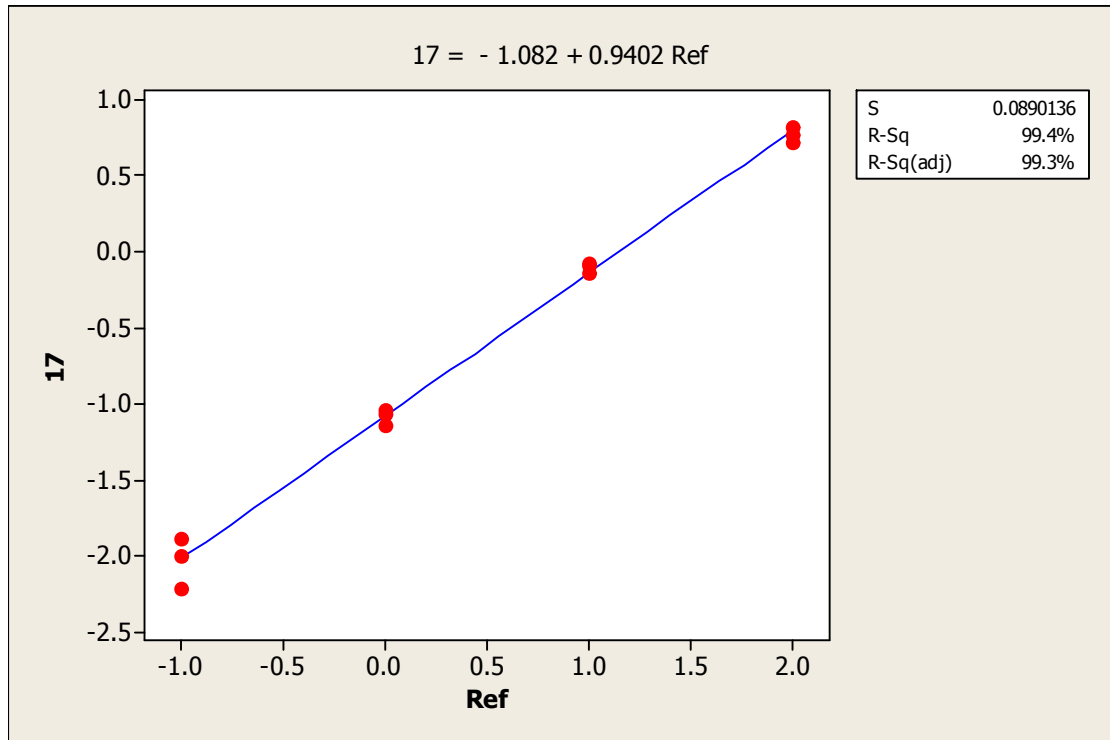


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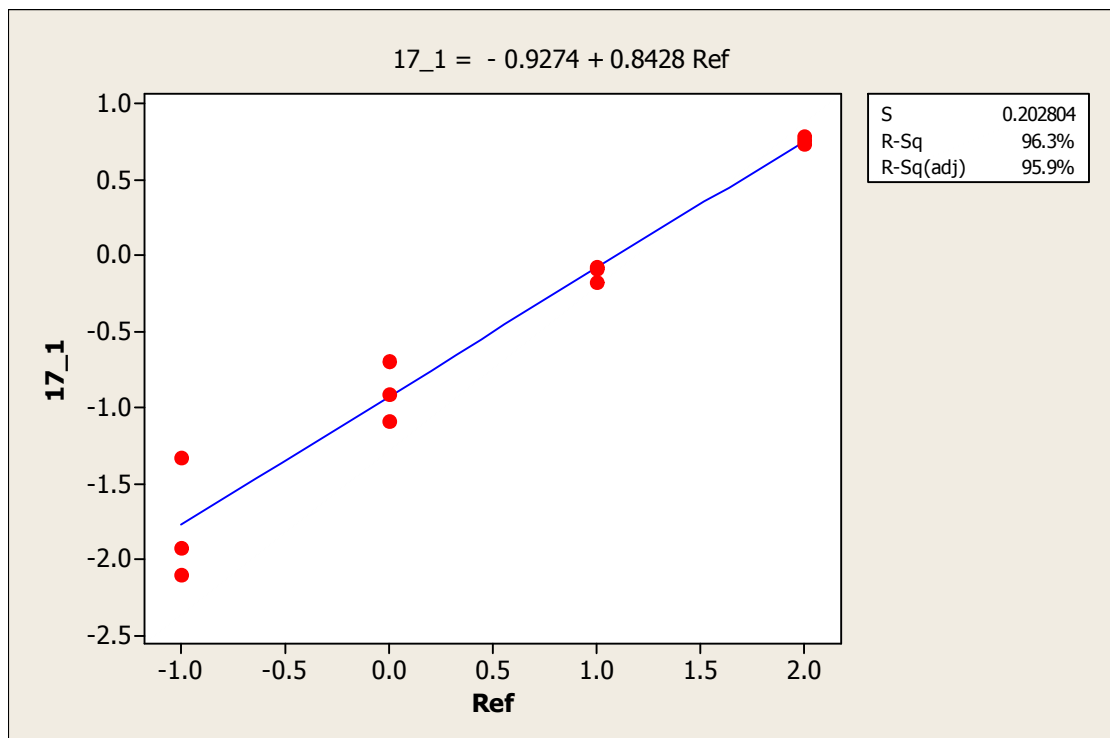


Lab 17

b3a2 / ABL Unextracted

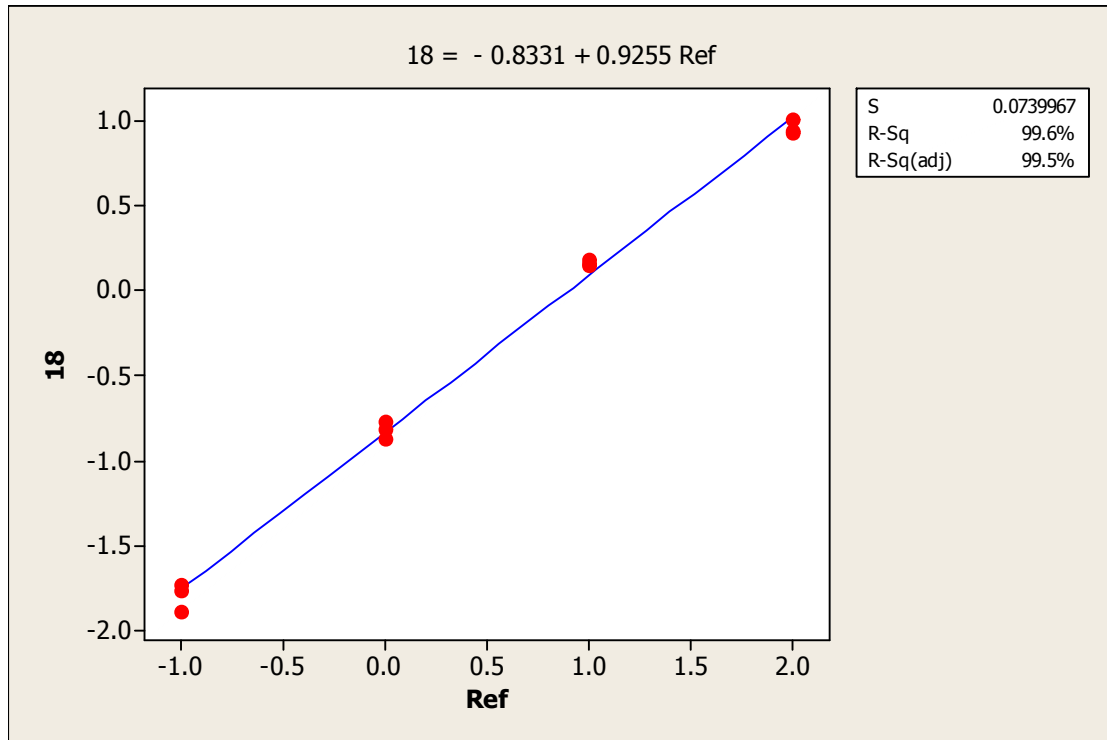


b3a2 / ABL Extracted

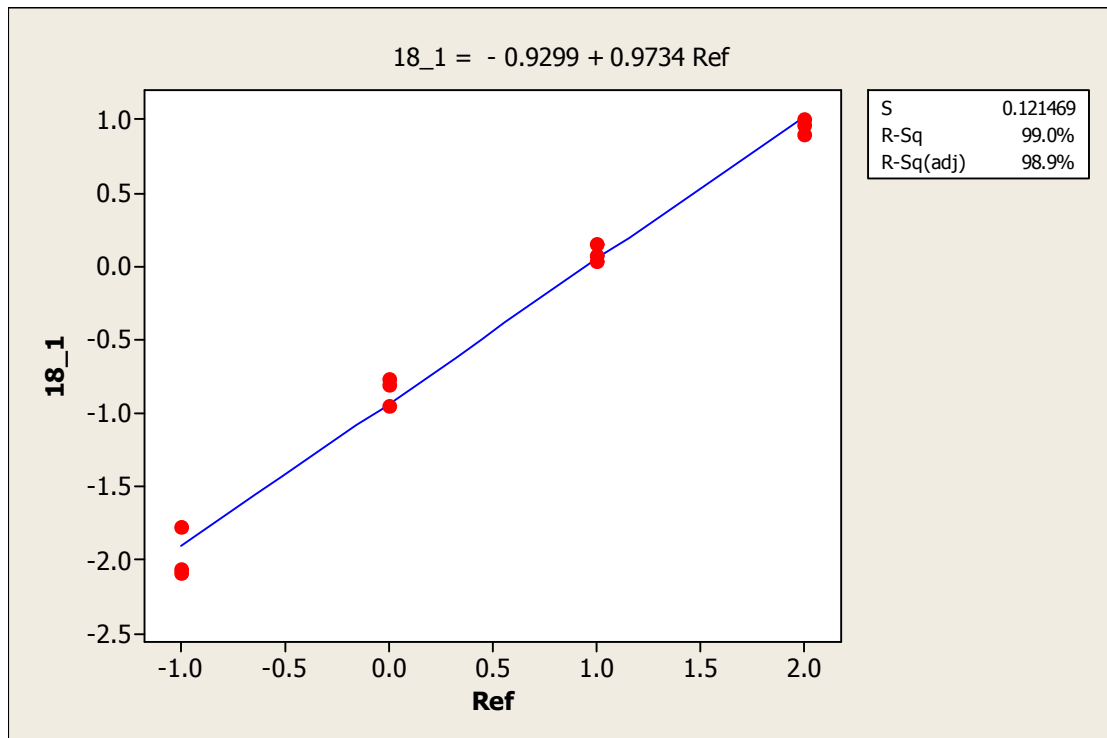


Lab 18

b3a2 / ABL Unextracted

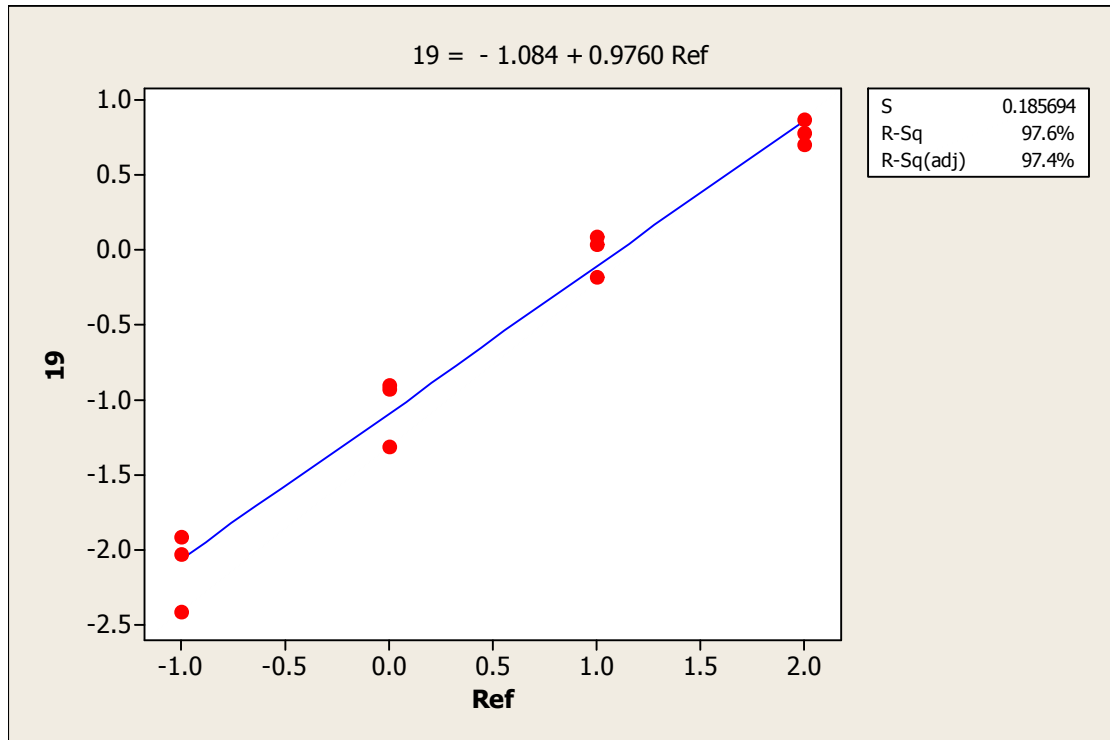


b3a2 / ABL Extracted

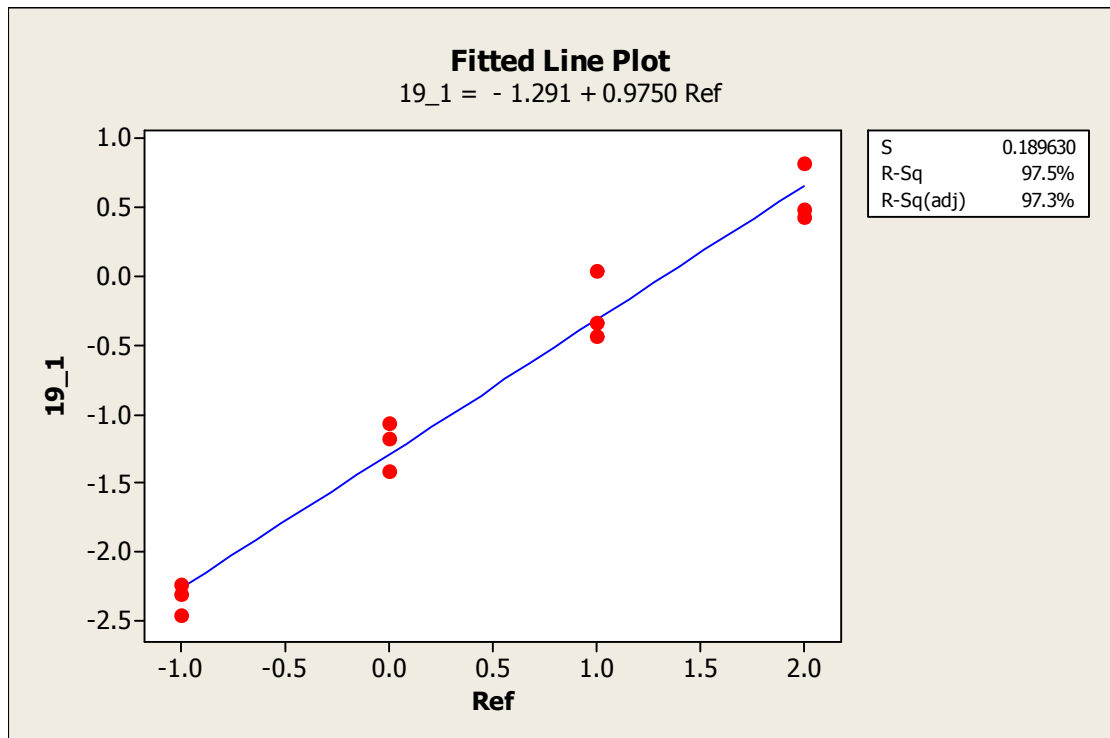


Lab 19

b3a2 / ABL Unextracted

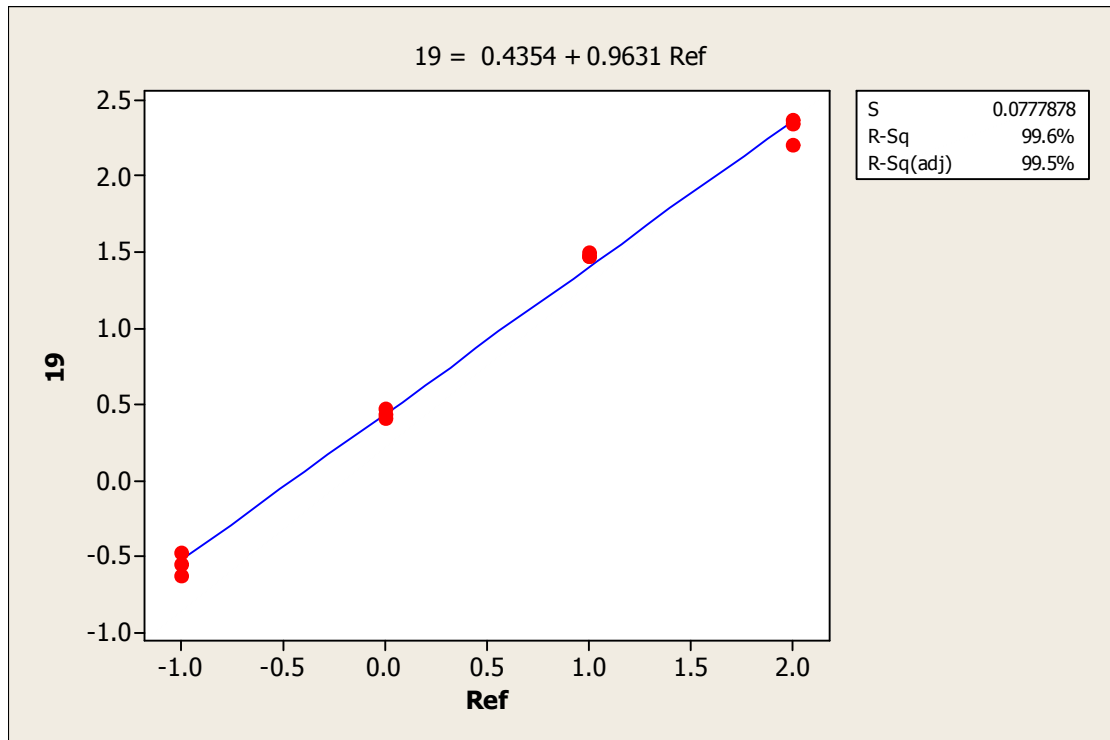


b3a2 / ABL Extracted

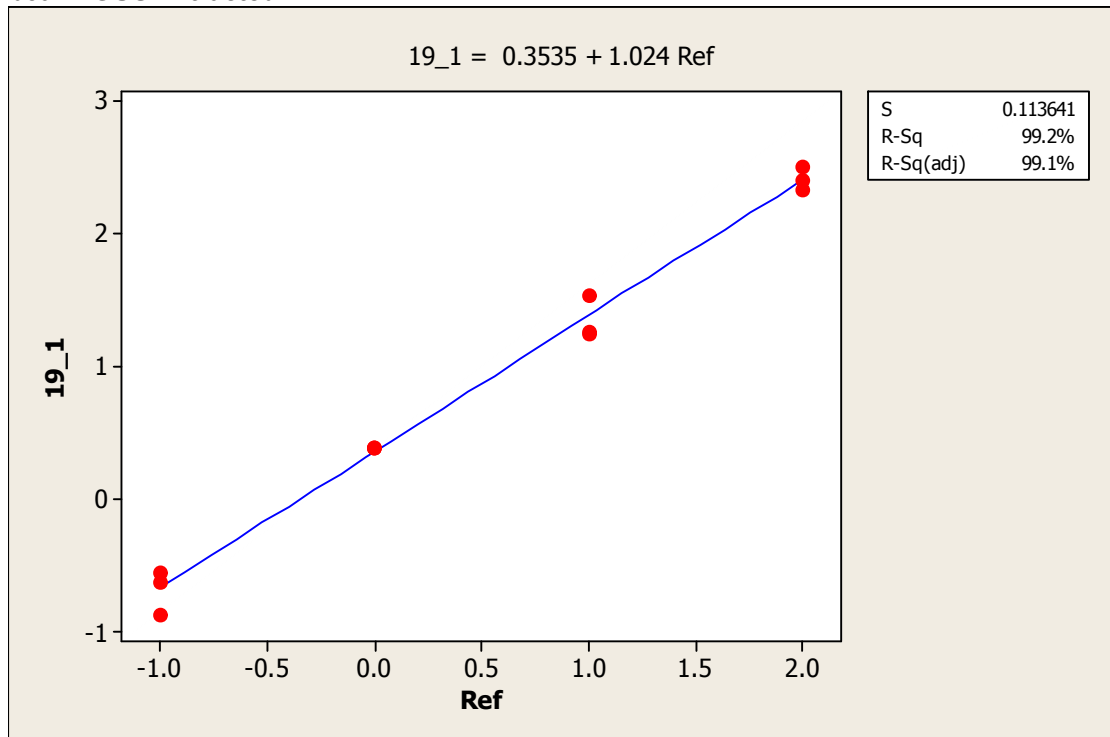


Lab 19

b3a2 / GUS Unextracted

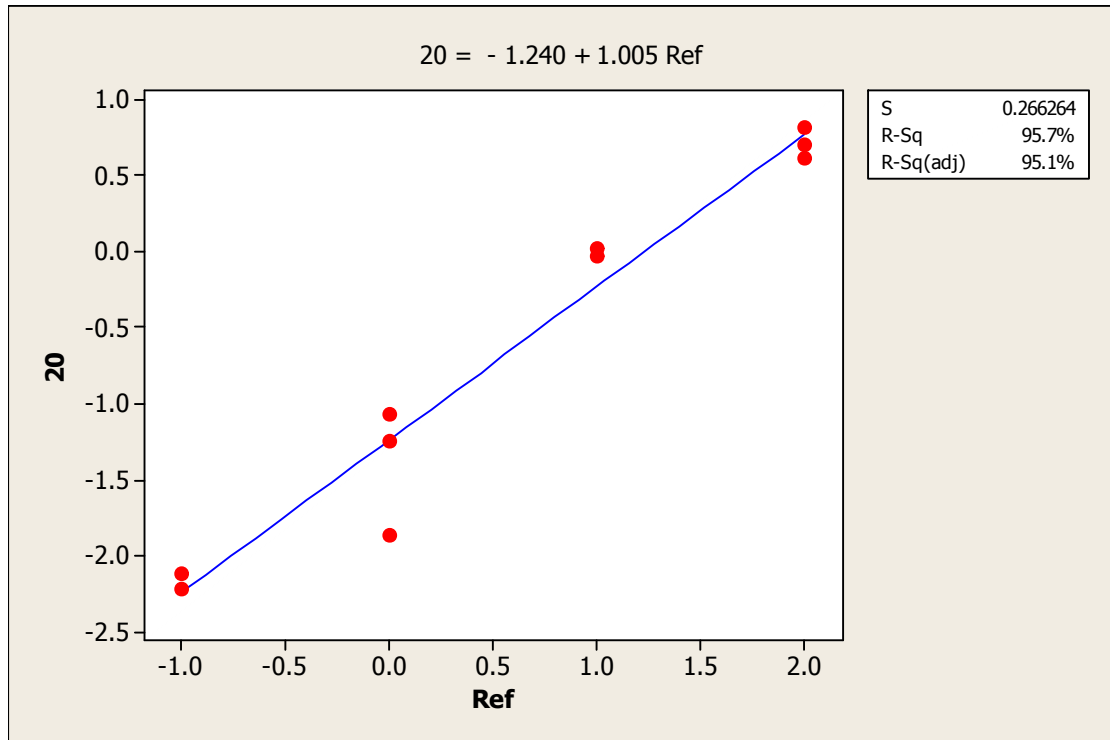


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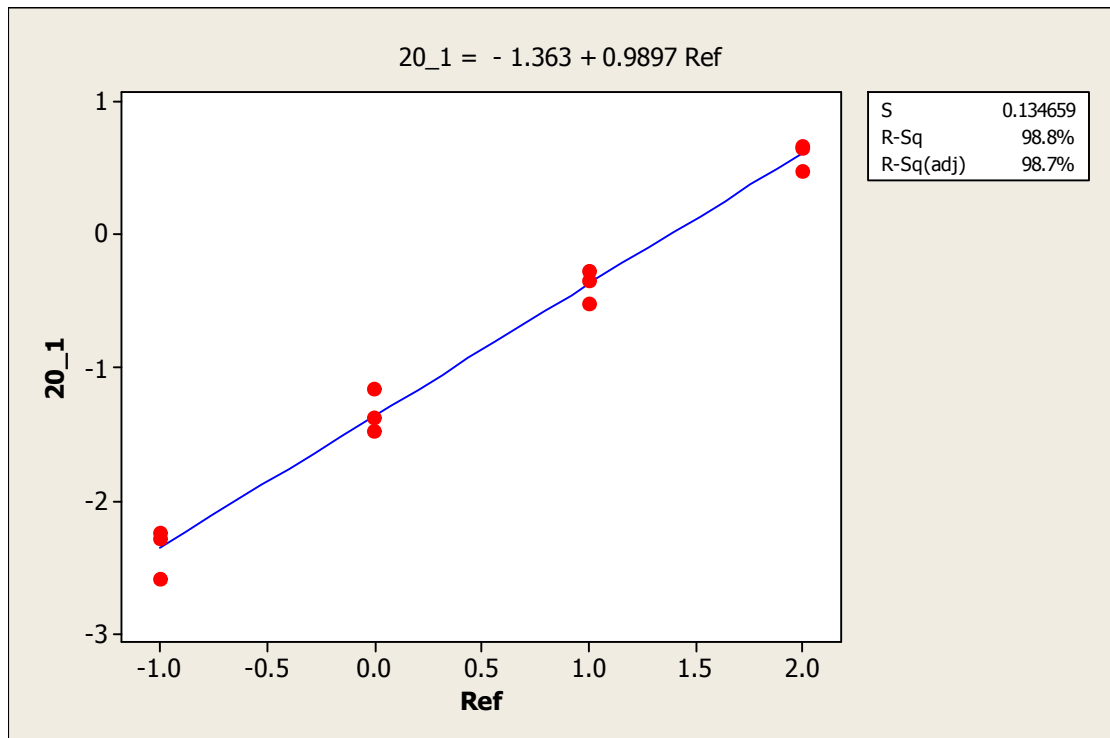


Lab 20

b3a2 / ABL Unextracted

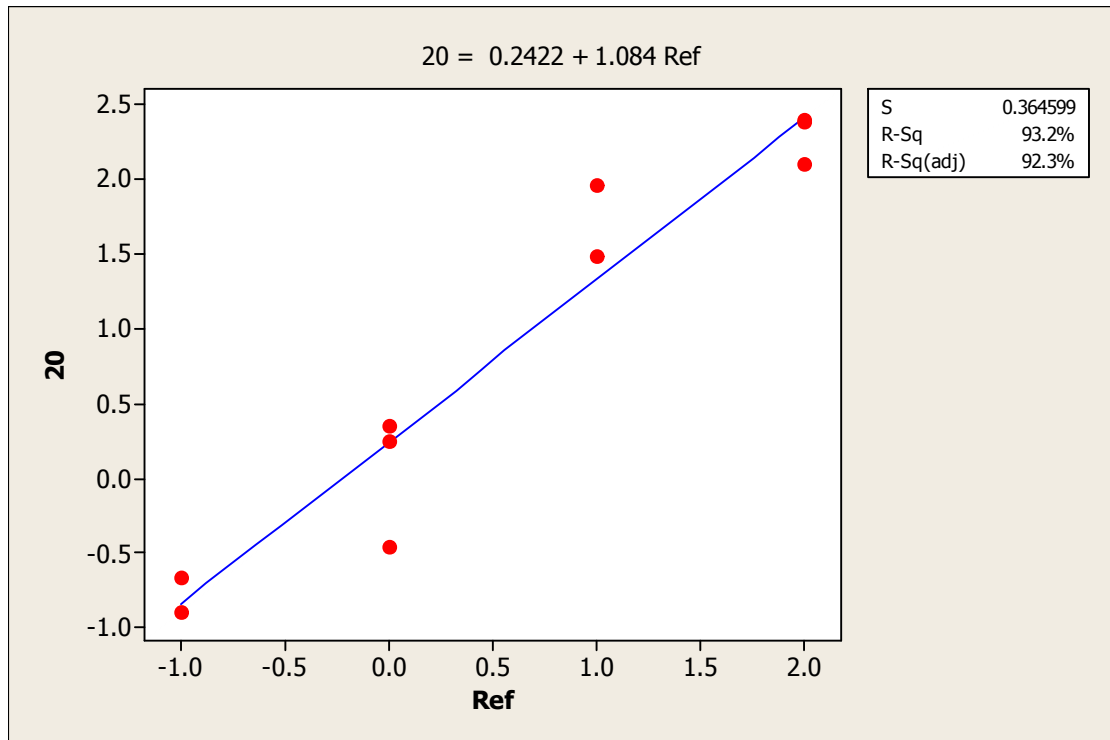


b3a2 / ABL Extracted

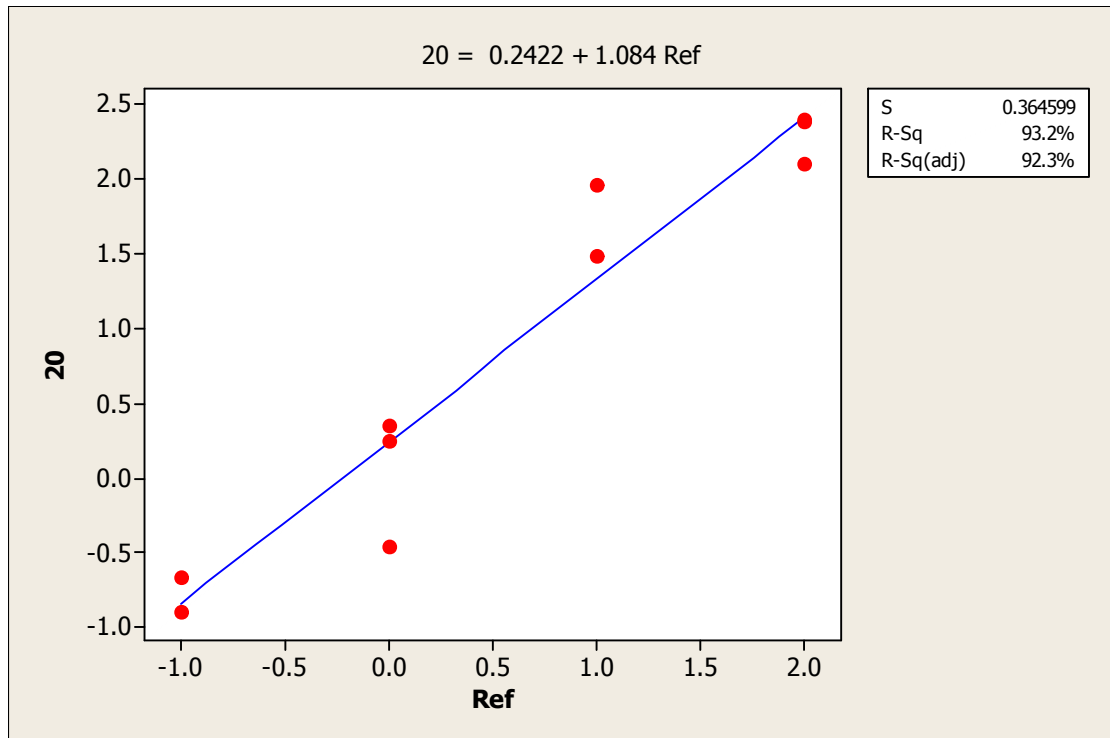


Lab 20

b3a2 / GUS Unextracted

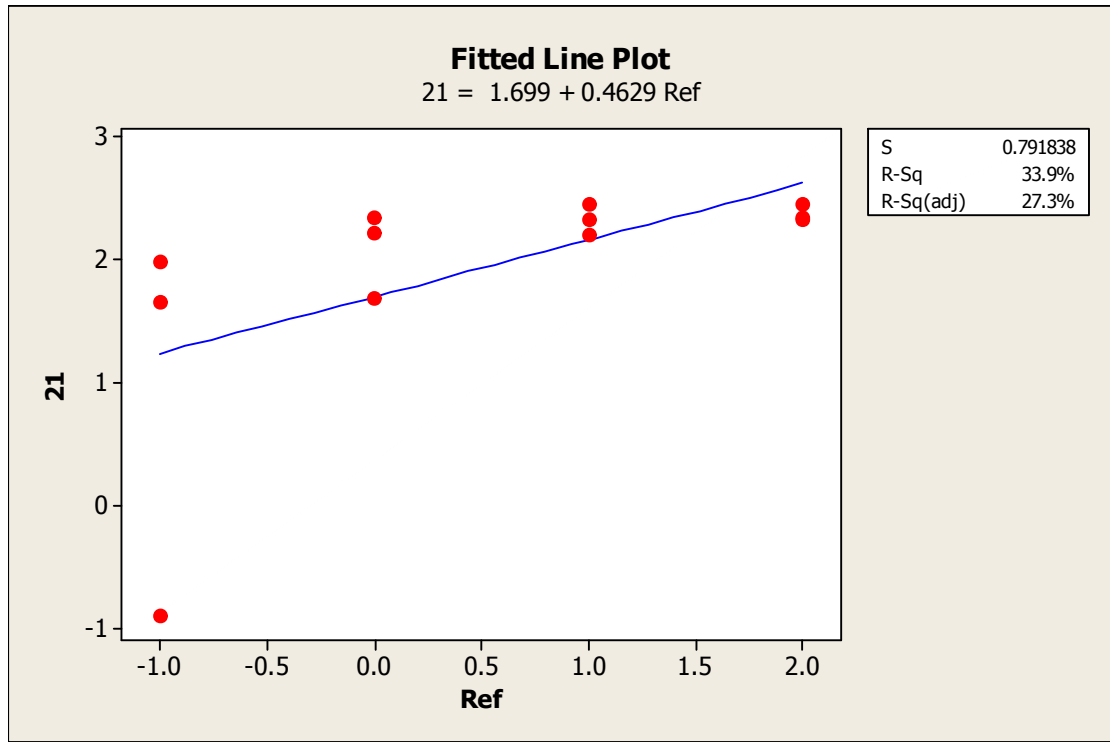


b3a2 / GUS Extracted



Lab 21

b3a2 / ABL Unextracted

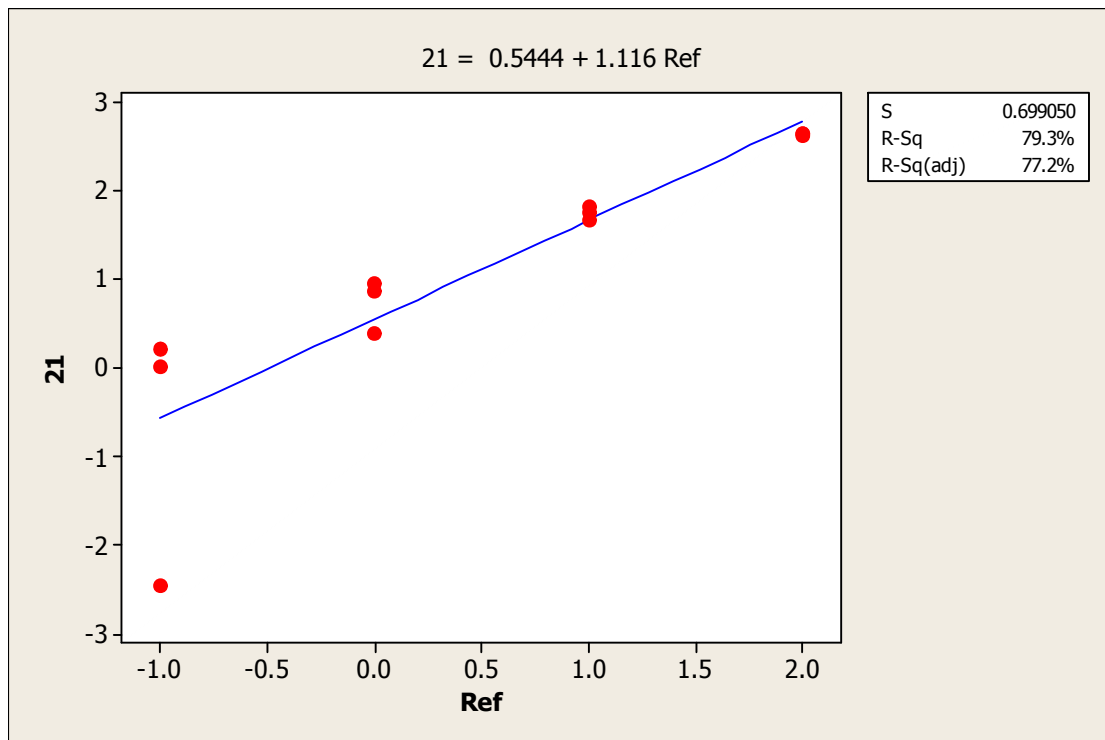


b3a2 / ABL Extracted

**** Insufficient data points available ****

Lab 21

b3a2 / BCR Unextracted

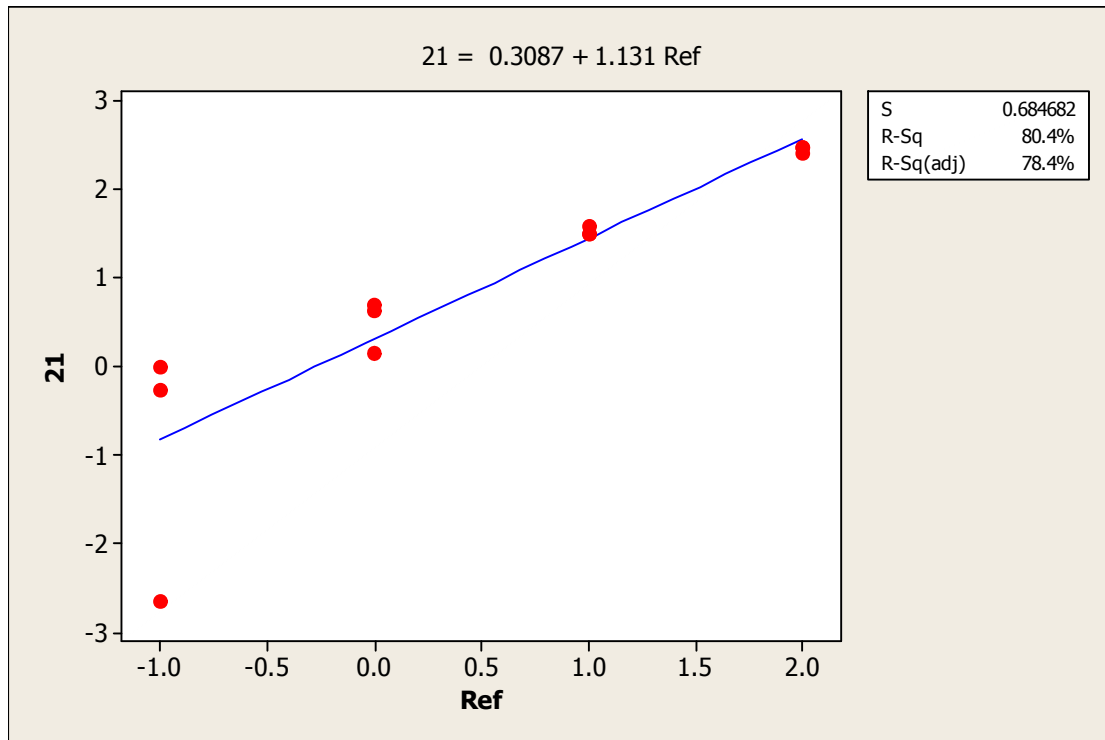


b3a2 / BCR Extracted

**** Insufficient data points available ****

Lab 21

b3a2 / GUS Unextracted

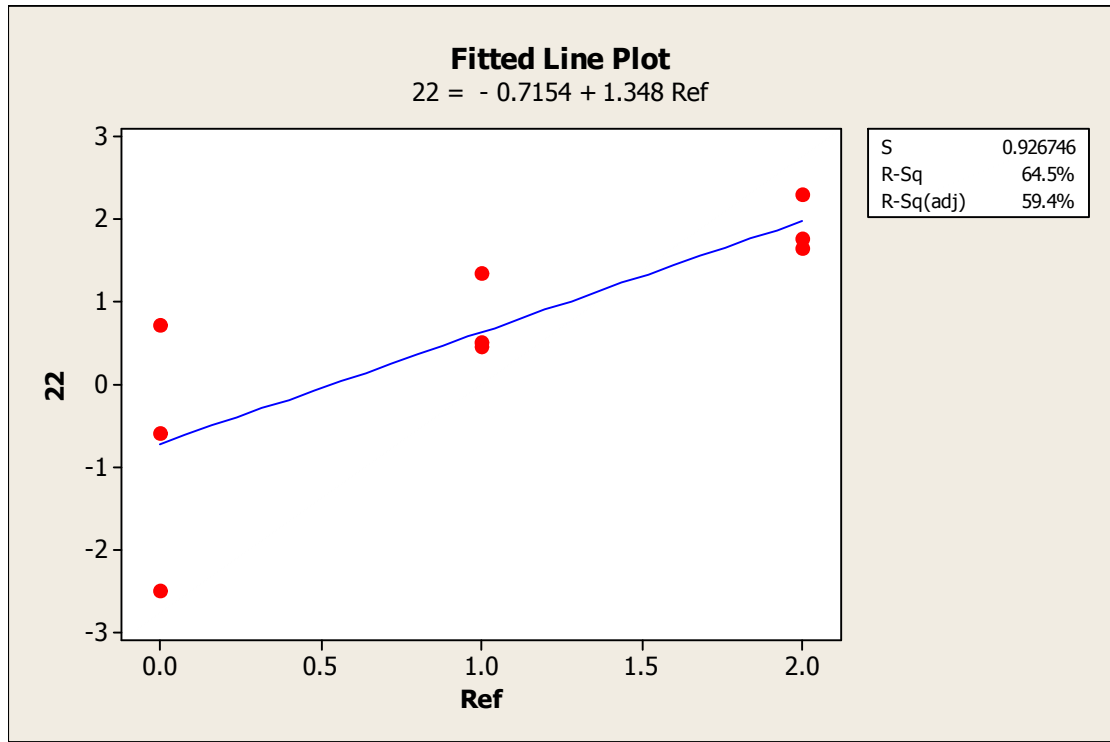


b3a2 / GUS Extracted

**** Insufficient data points available ****

Lab 22

b3a2 / ABL Unextracted

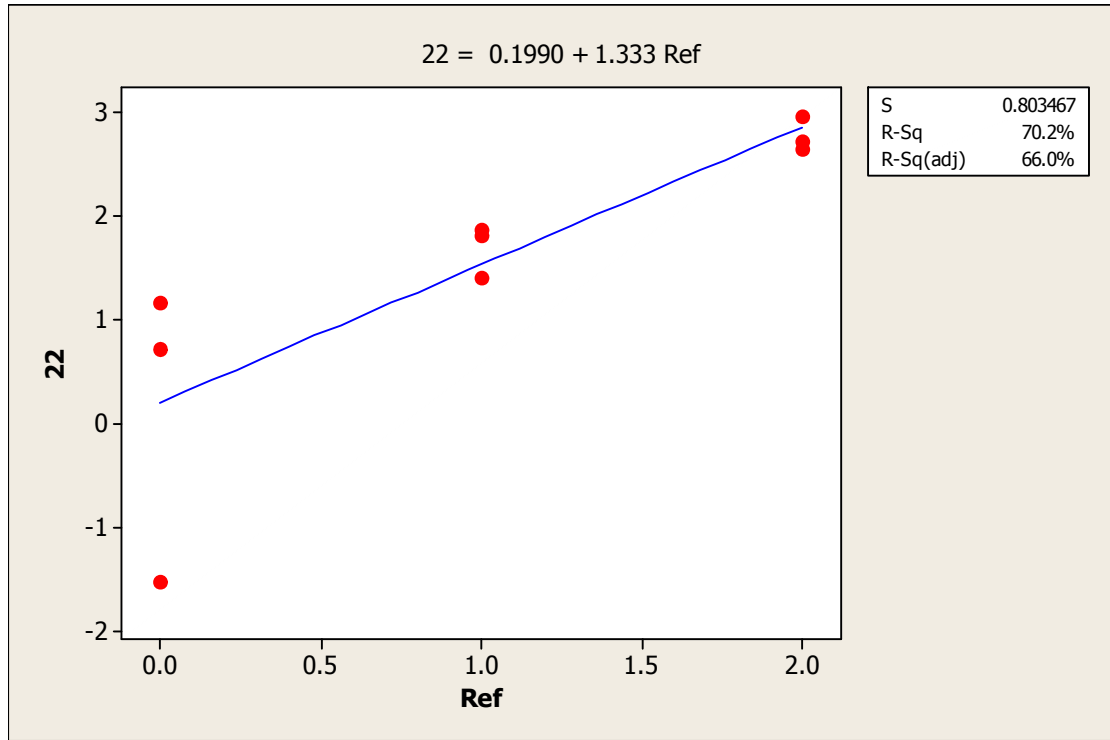


b3a2 / ABL Extracted

**** Insufficient data points available ****

Lab 22

b3a2 / GUS Unextracted

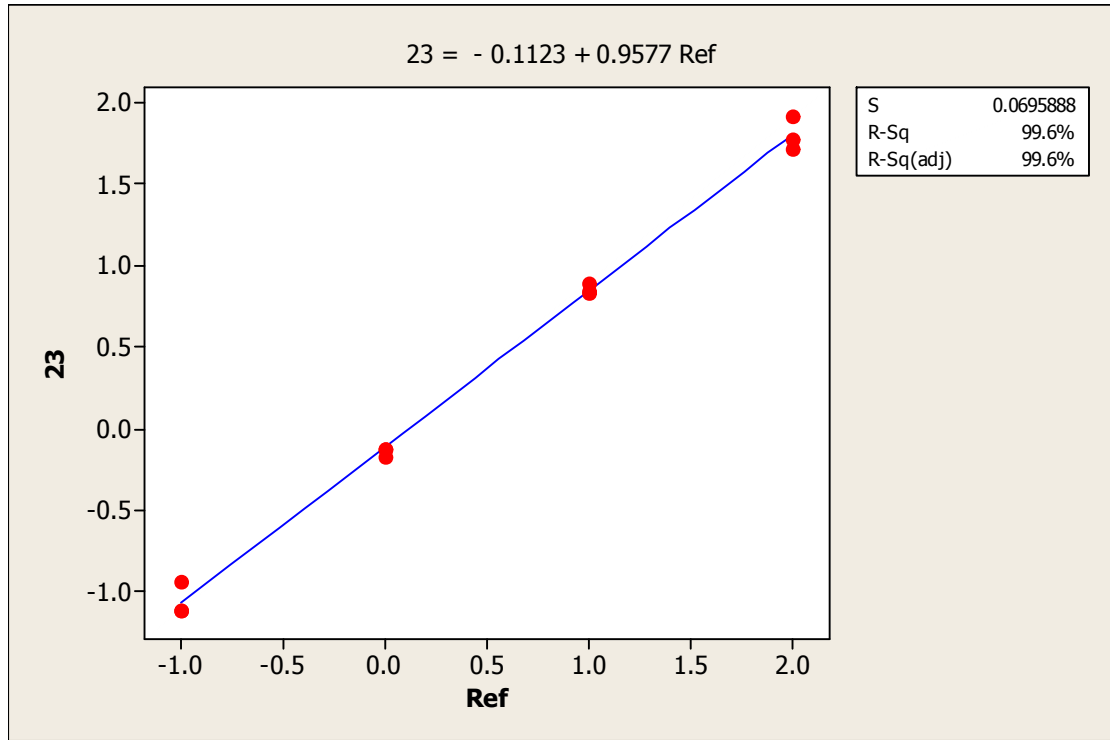


b3a2 / GUS Extracted

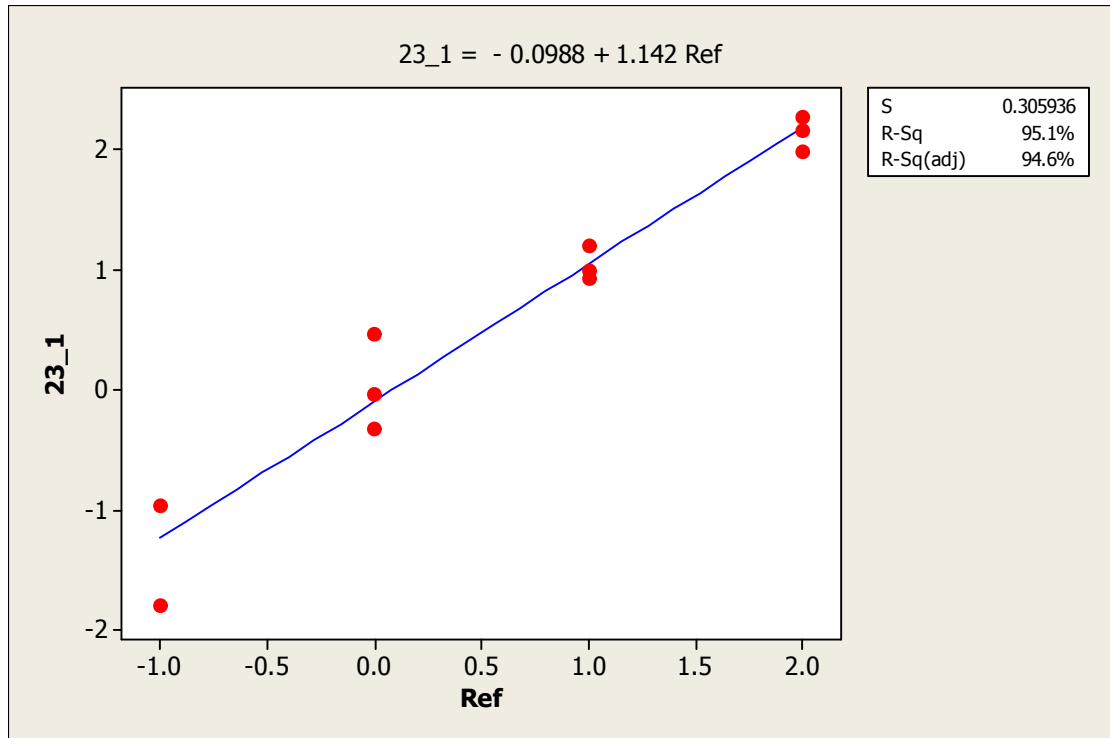
**** Insufficient data points available ****

Lab 23

b3a2 / GUS Unextracted

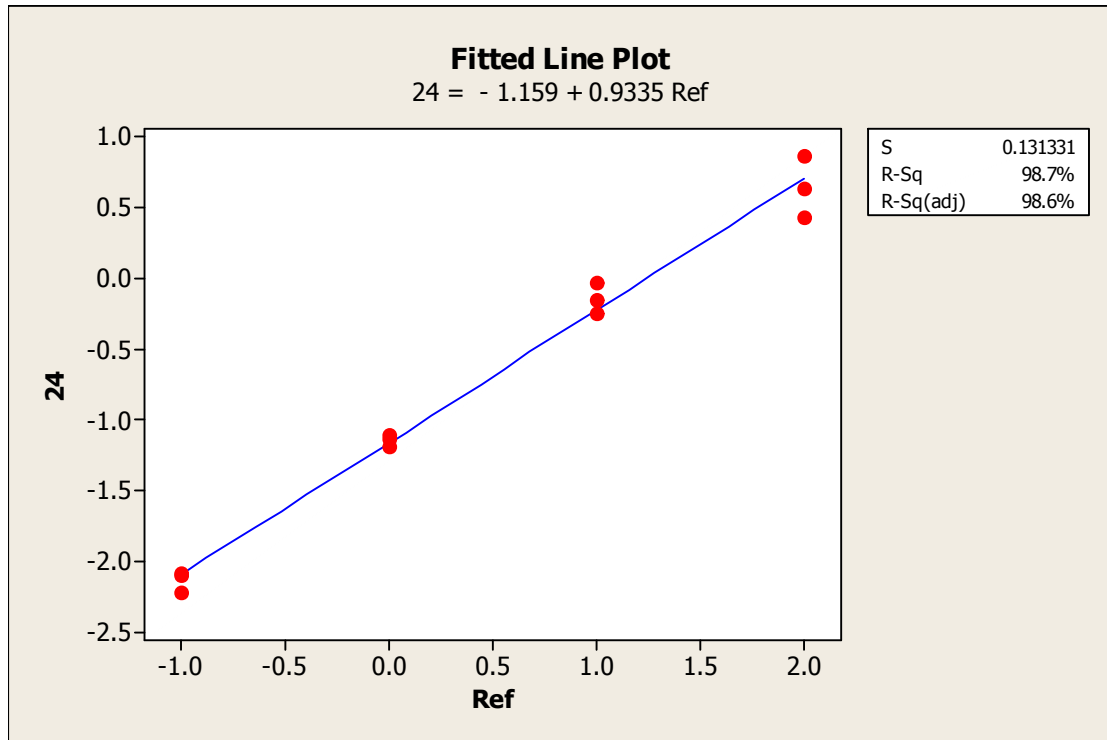


b3a2 / GUS Extracted

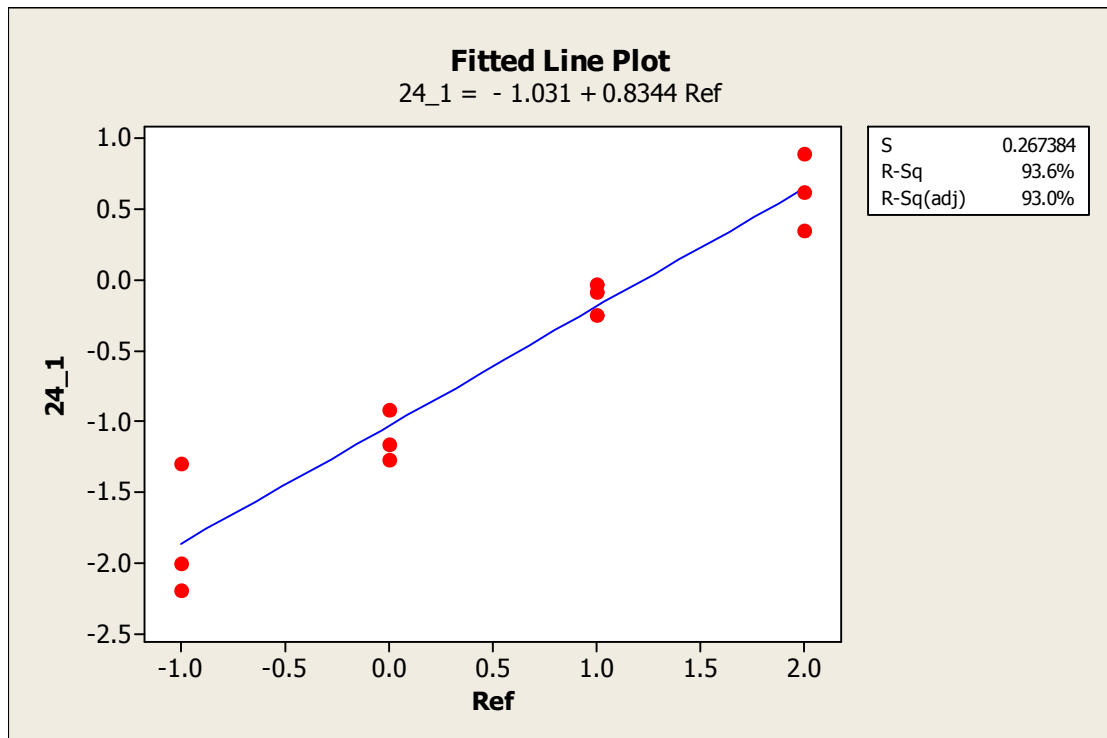


Lab 24

b3a2 / ABL Unextracted

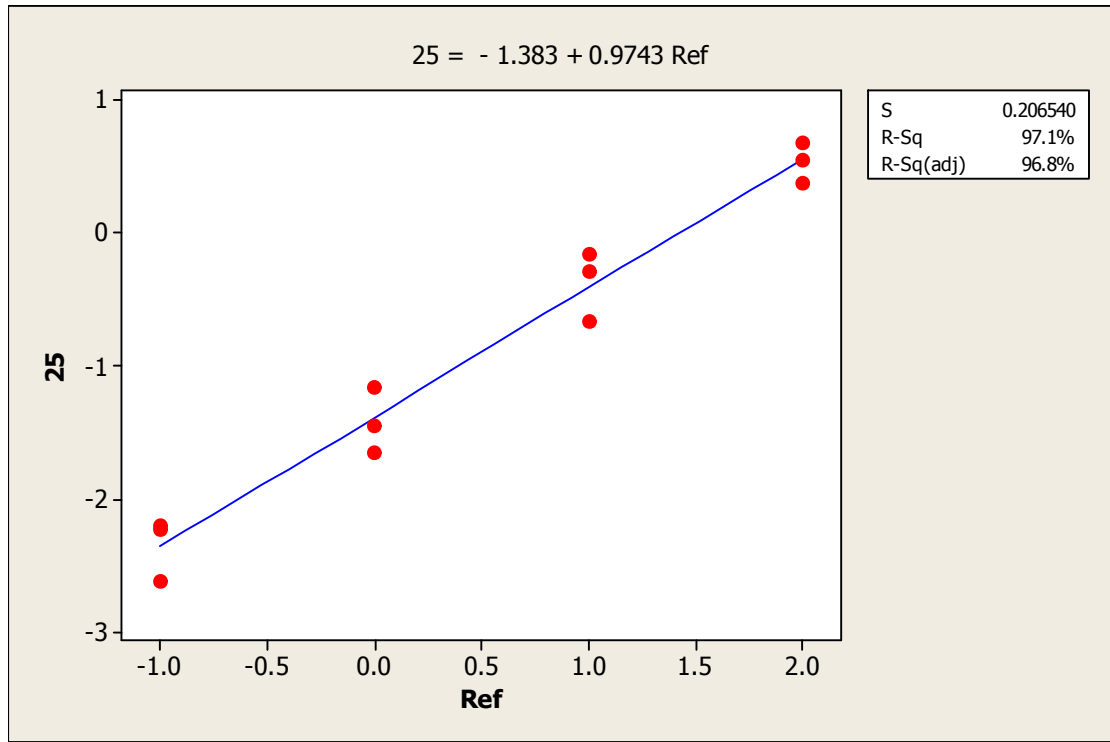


b3a2 / ABL Extracted

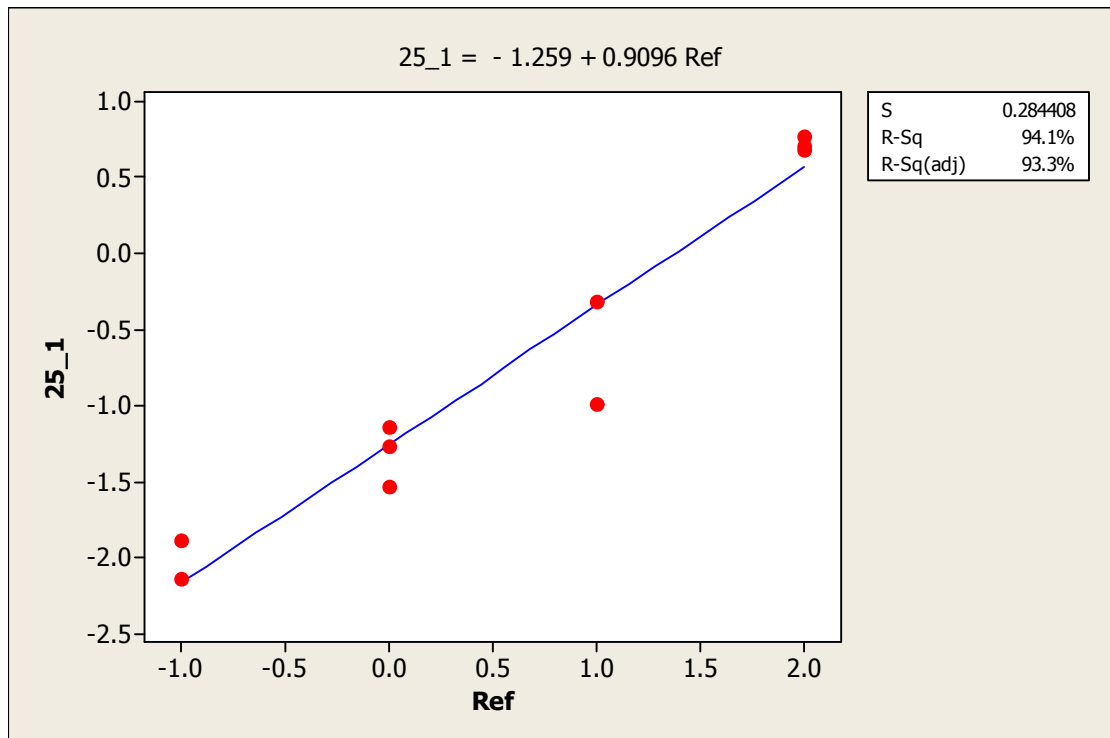


Lab 25

b3a2 / ABL Unextracted

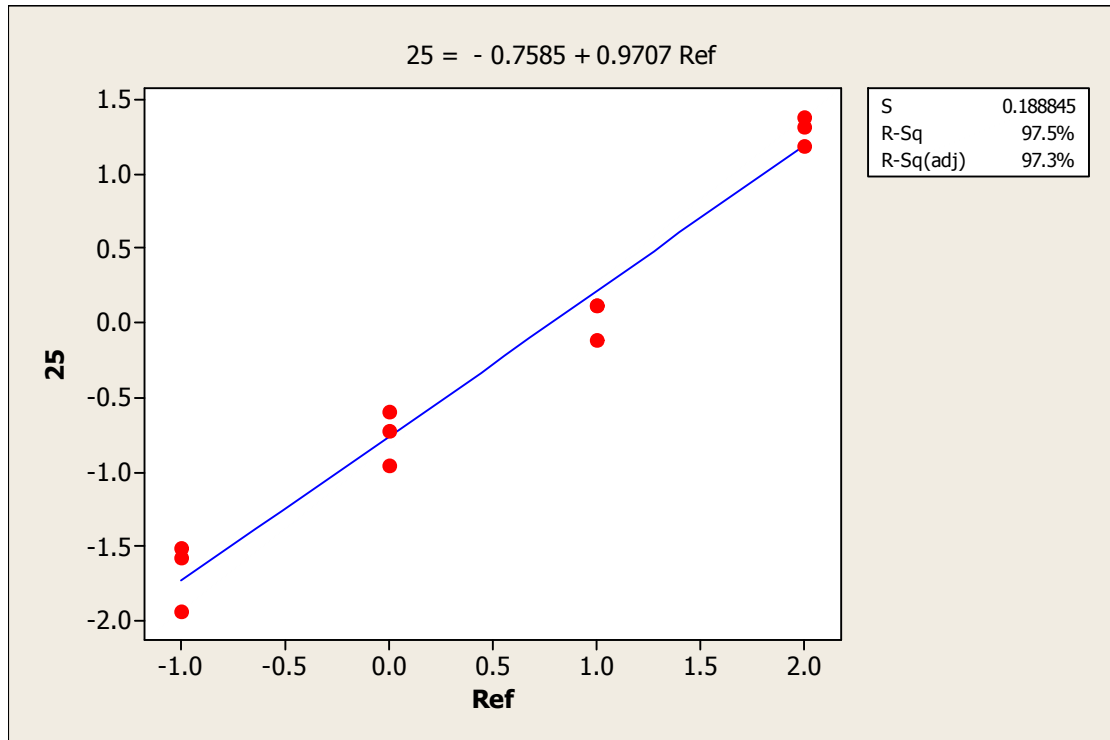


b3a2 / ABL Extracted

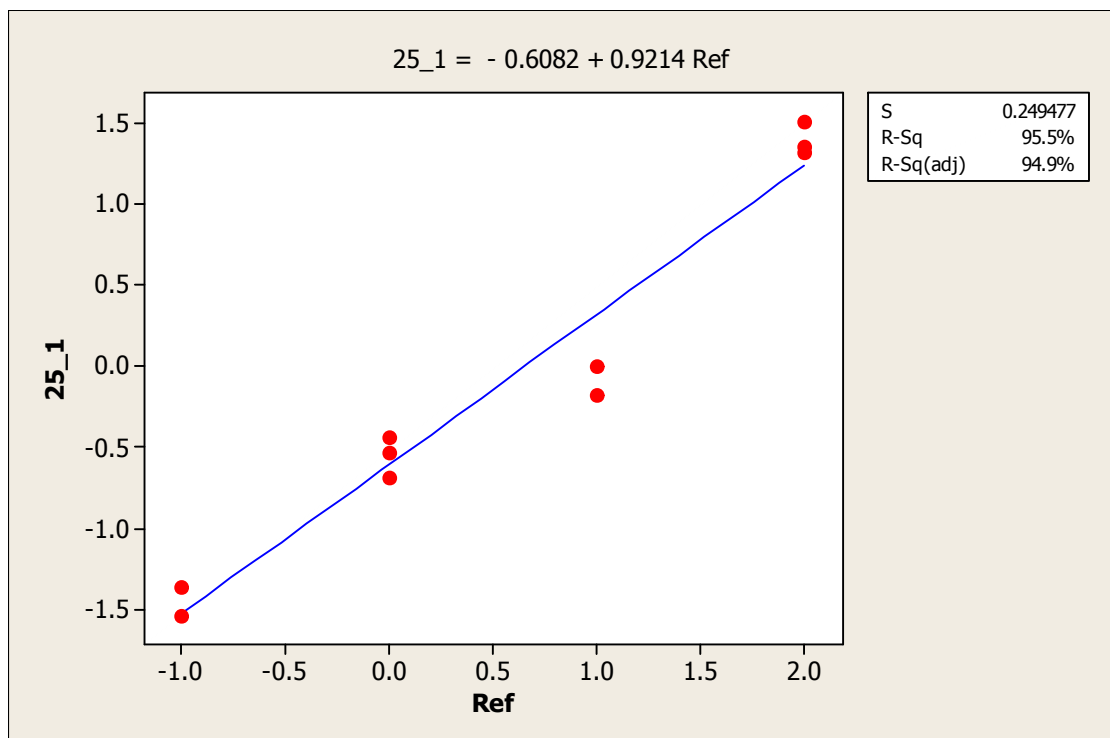


Lab 25

b3a2 / BCR Unextracted

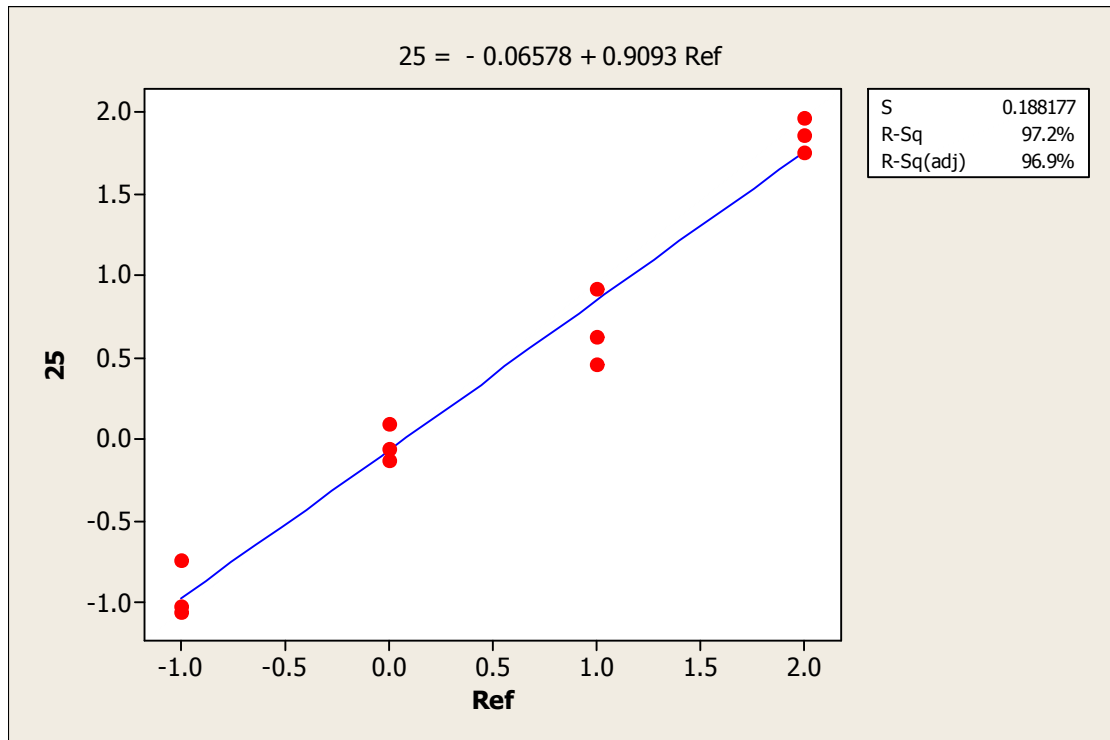


b3a2 / BCR Extracted

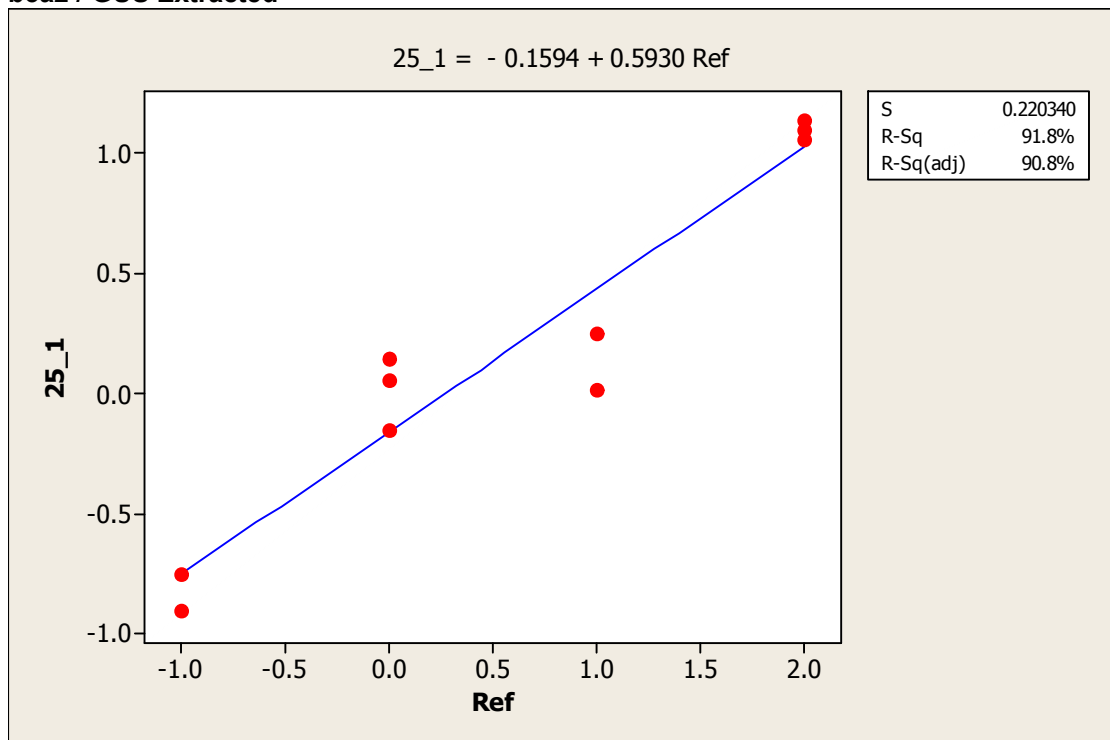


Lab 25

b3a2 / GUS Unextracted

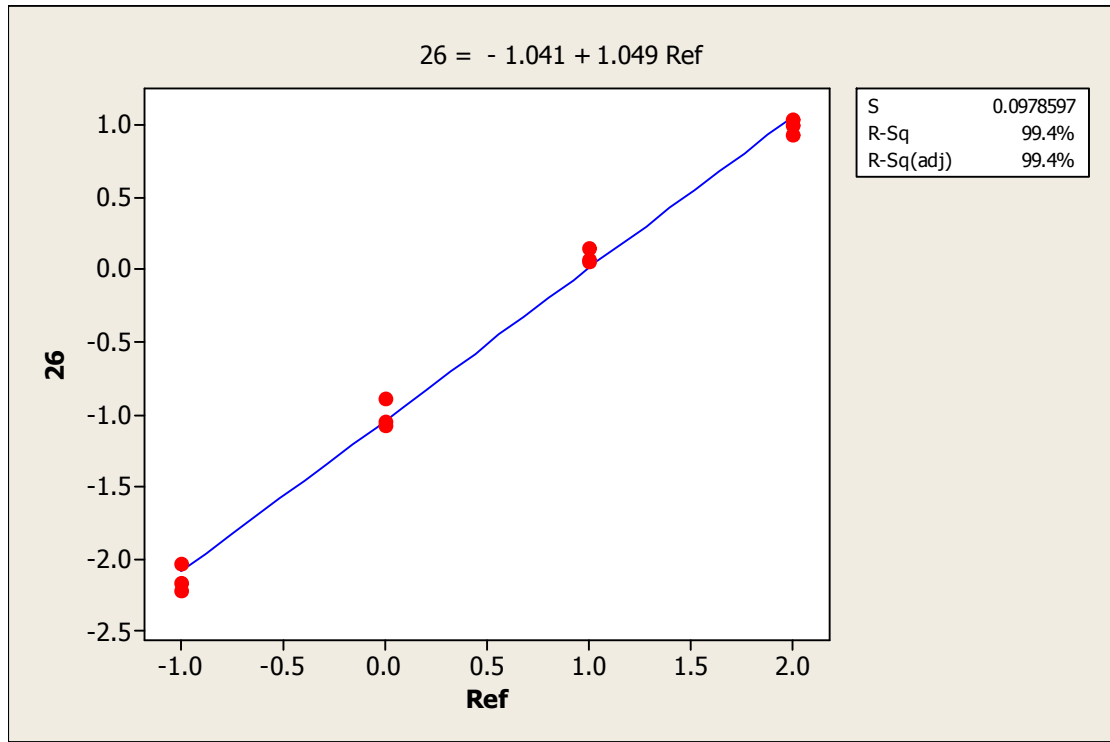


b3a2 / GUS Extracted

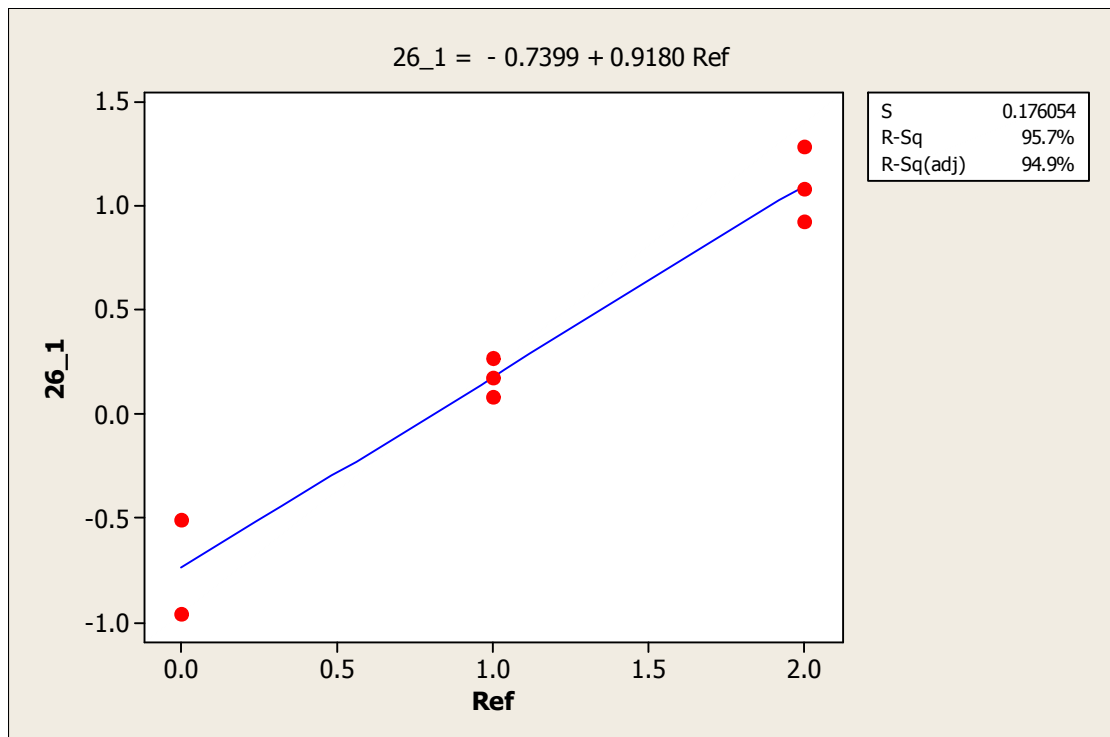


Lab 26

b3a2 / ABL Unextracted

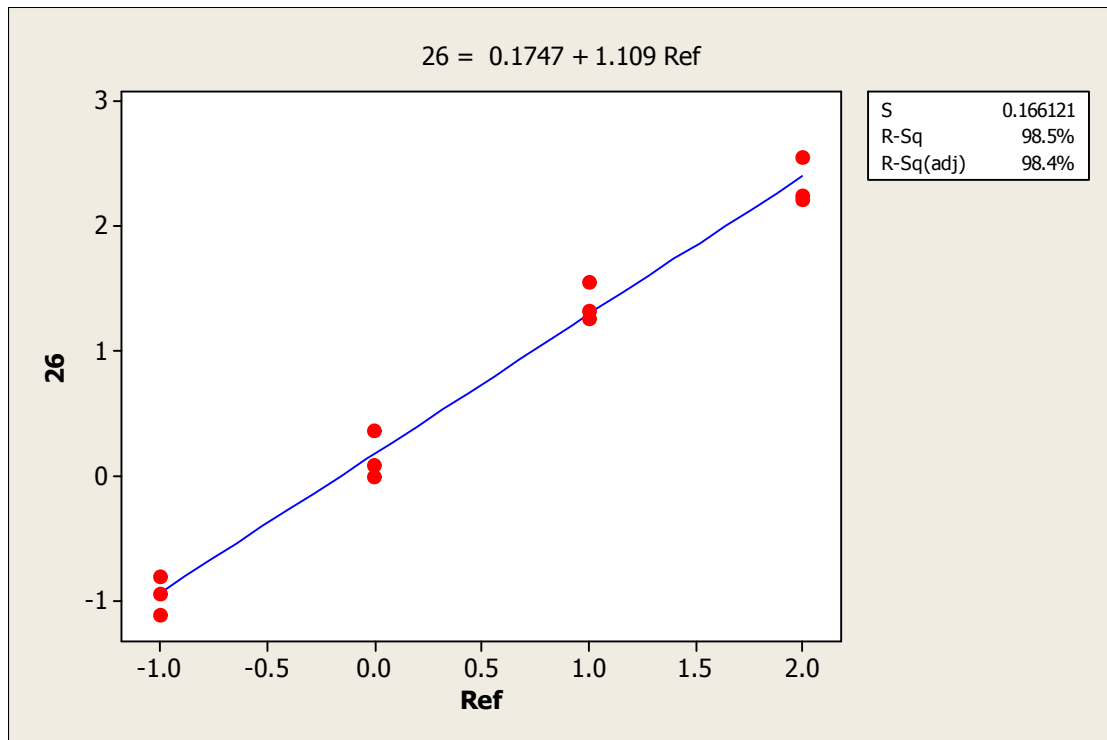


b3a2 / ABL Extracted



Lab 26

b3a2 / GUS Unextracted

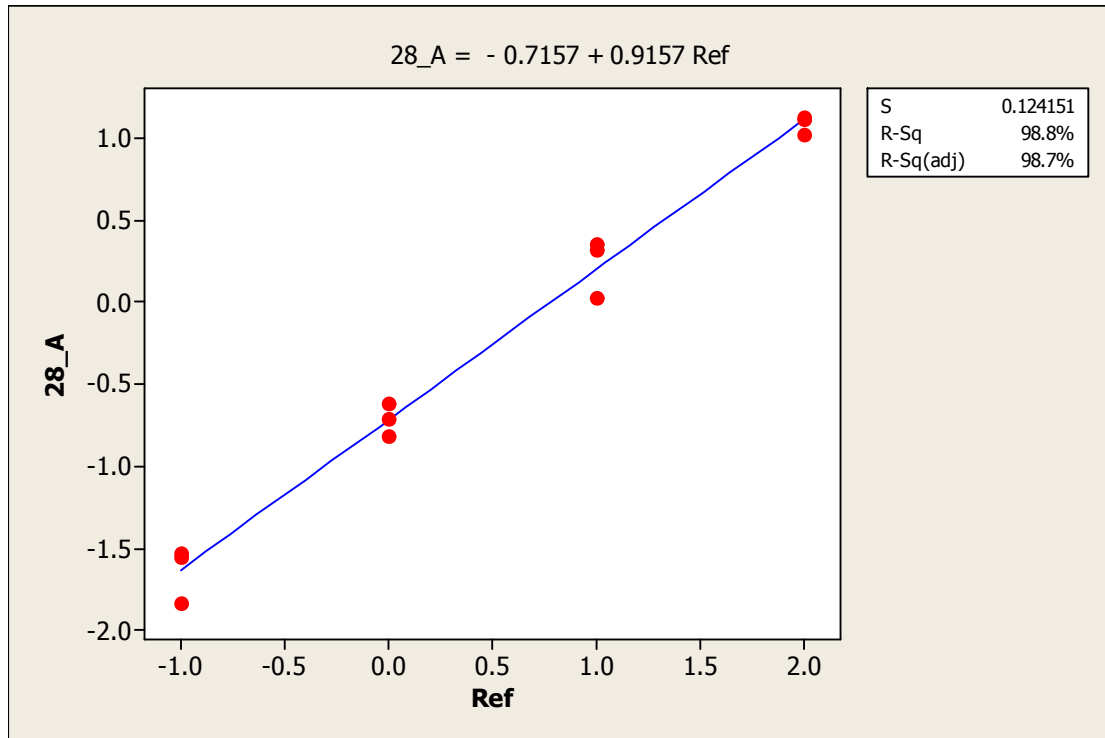


b3a2 / GUS Extracted

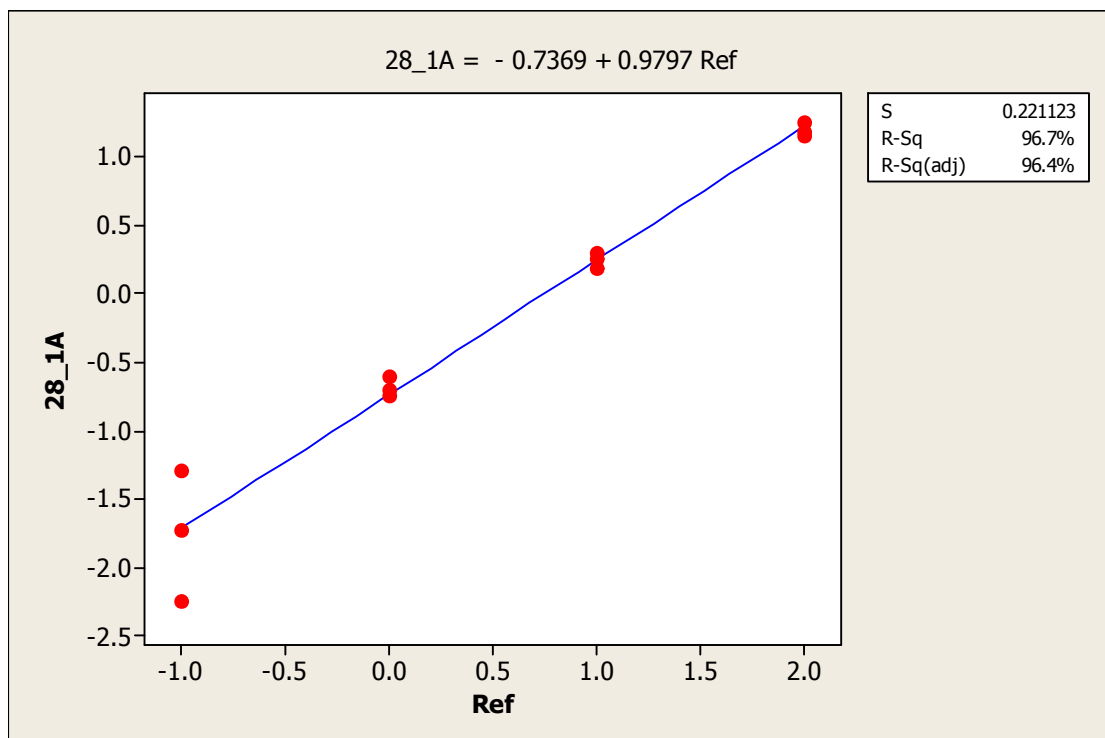
**** Insufficient data points available ****

Lab 28

b3a2 / ABL Unextracted

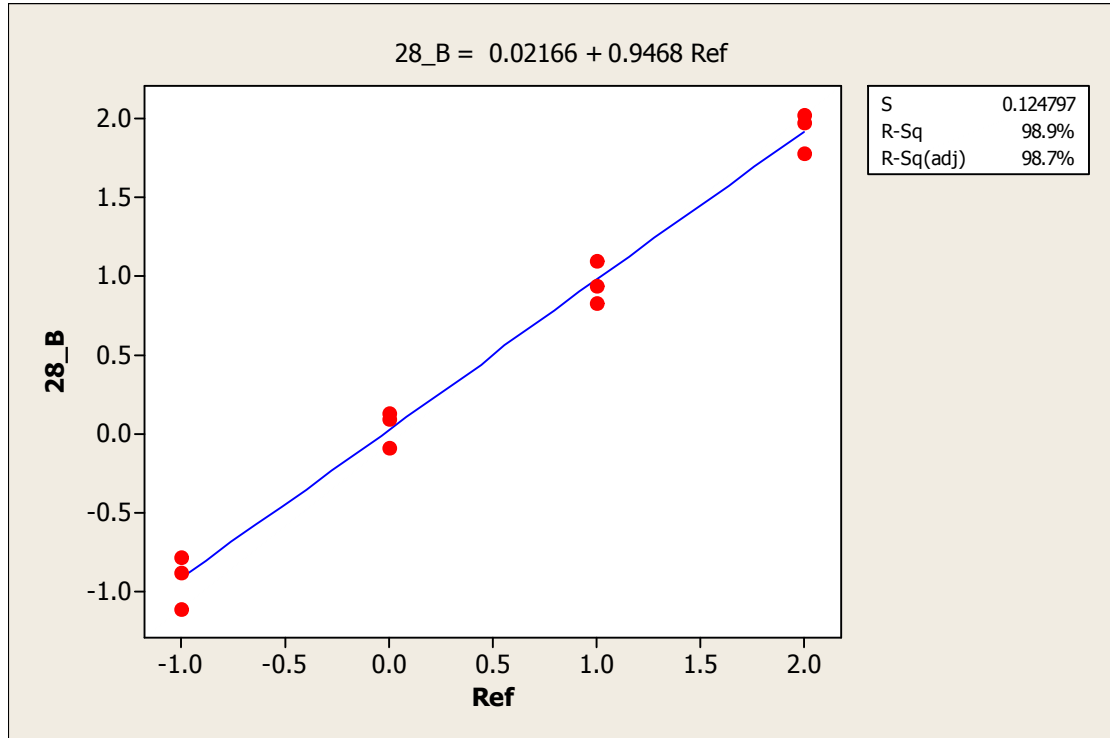


b3a2 / ABL Extracted

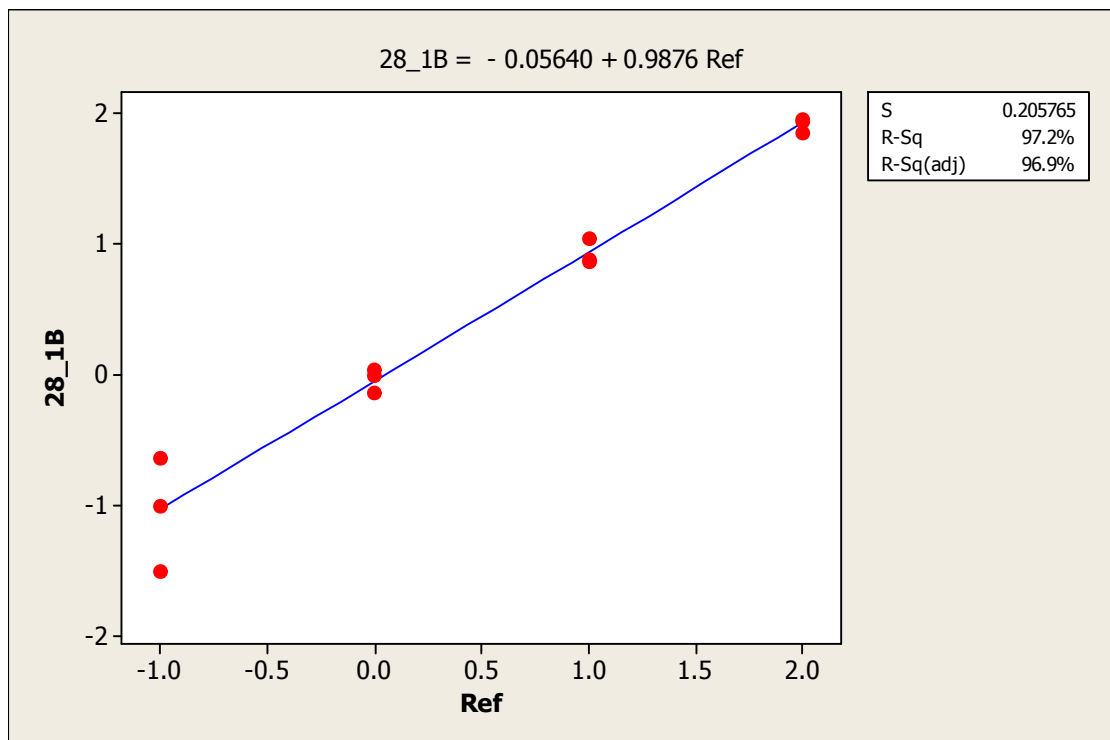


Lab 28

b3a2 / BCR Unextracted

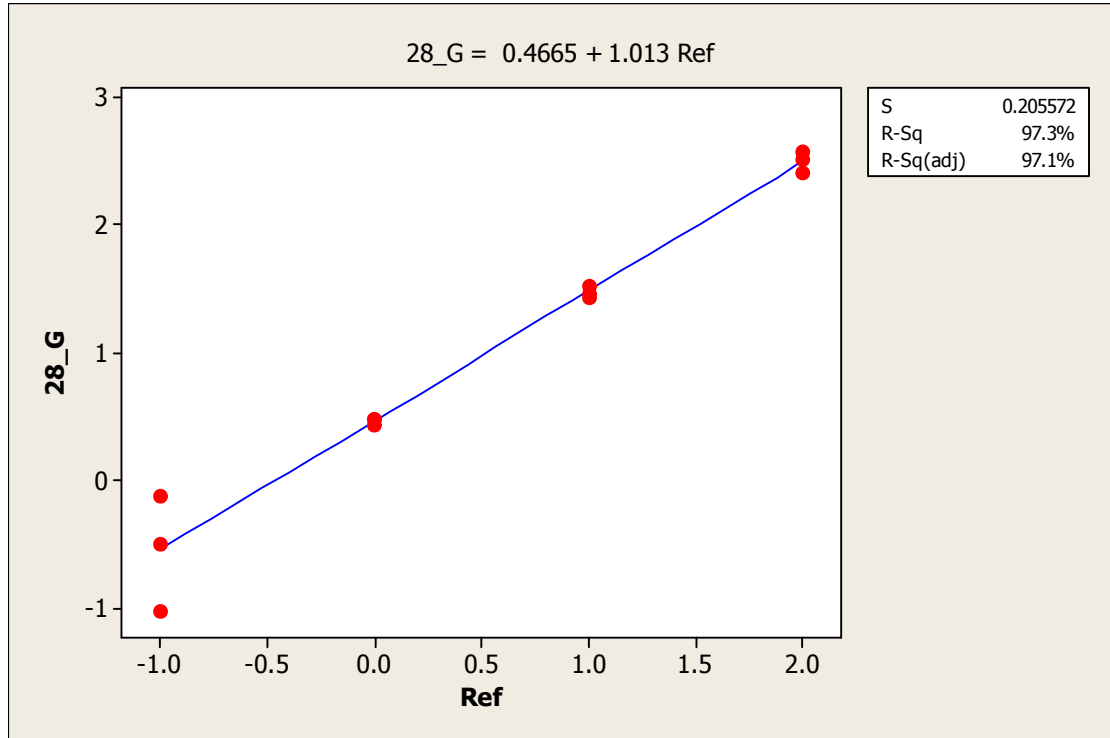


b3a2 / BCR Extracted

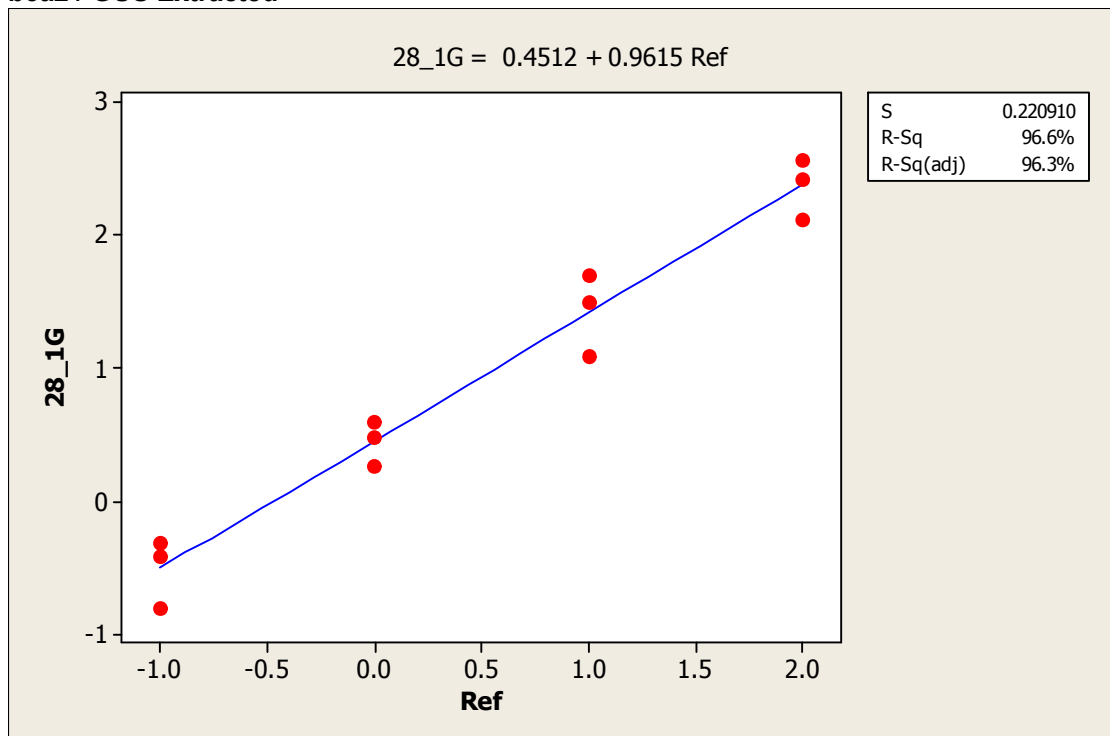


Lab 28

b3a2 / GUS Unextracted

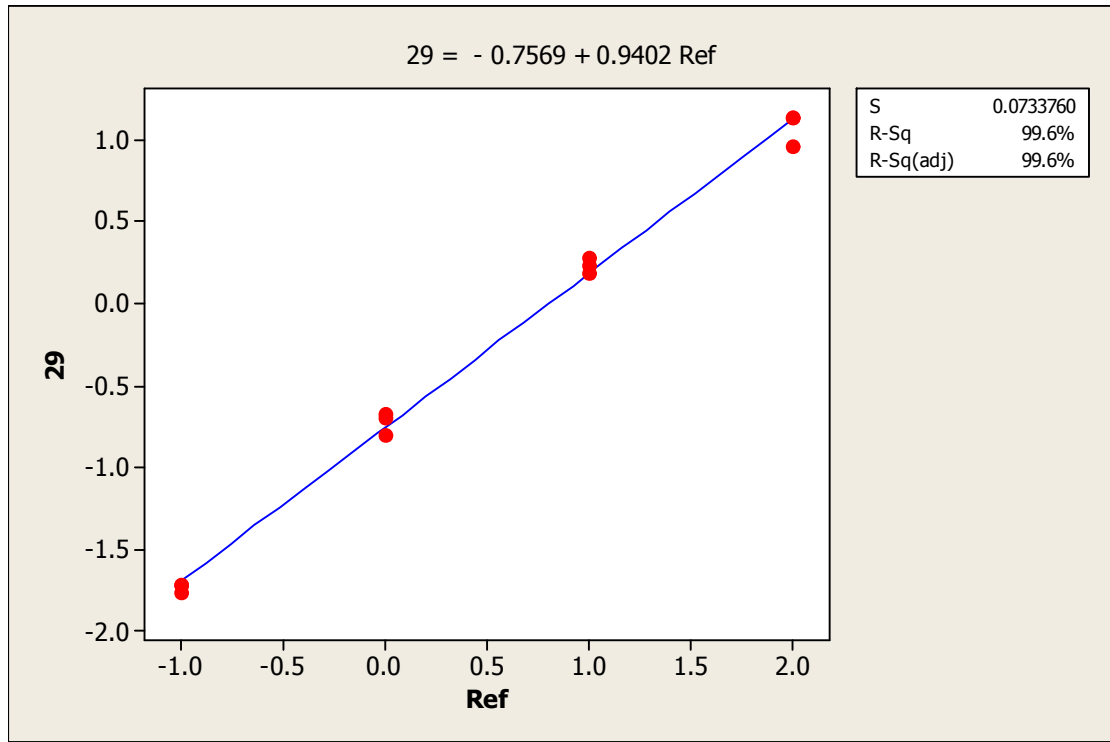


b3a2 / GUS Extracted

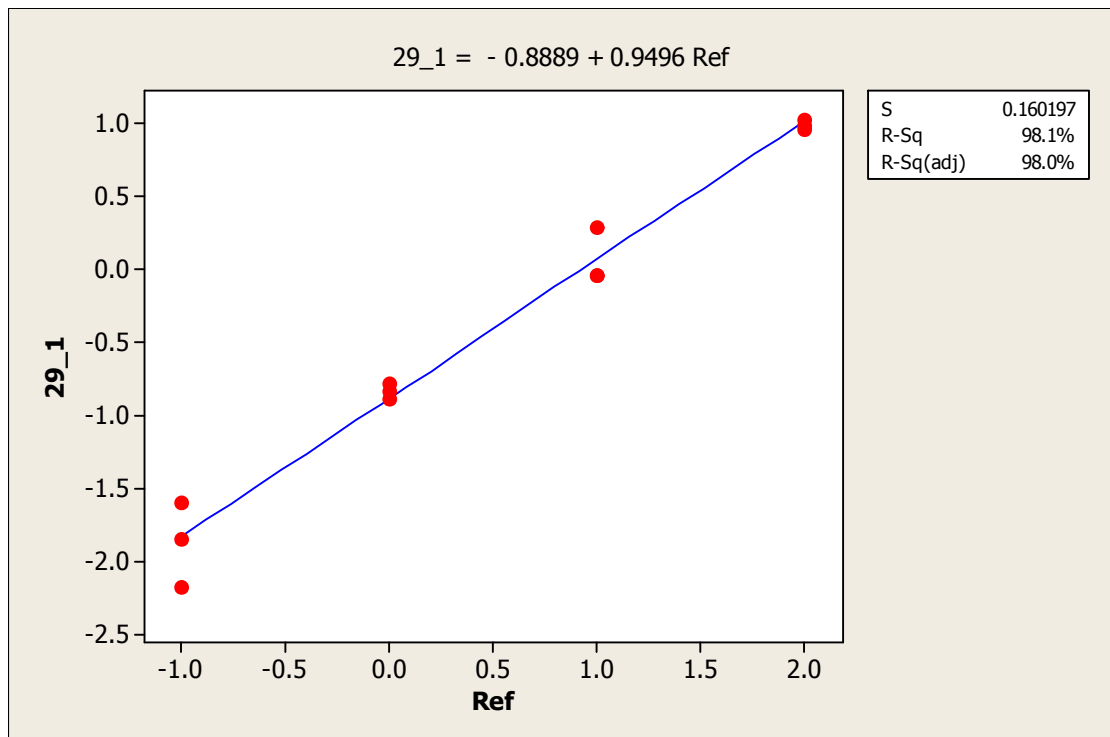


Lab 29

b3a2 / ABL Unextracted

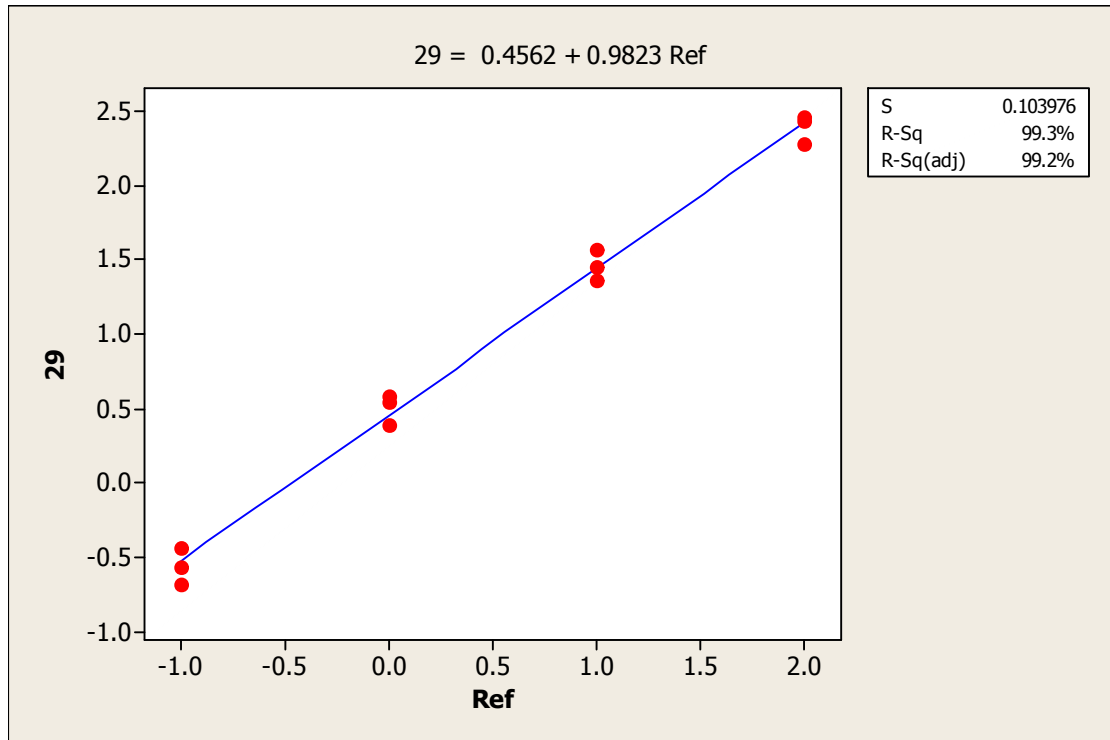


b3a2 / ABL Extracted



Lab 29

b3a2 / GUS Unextracted



b3a2 / GUS Extracted

