

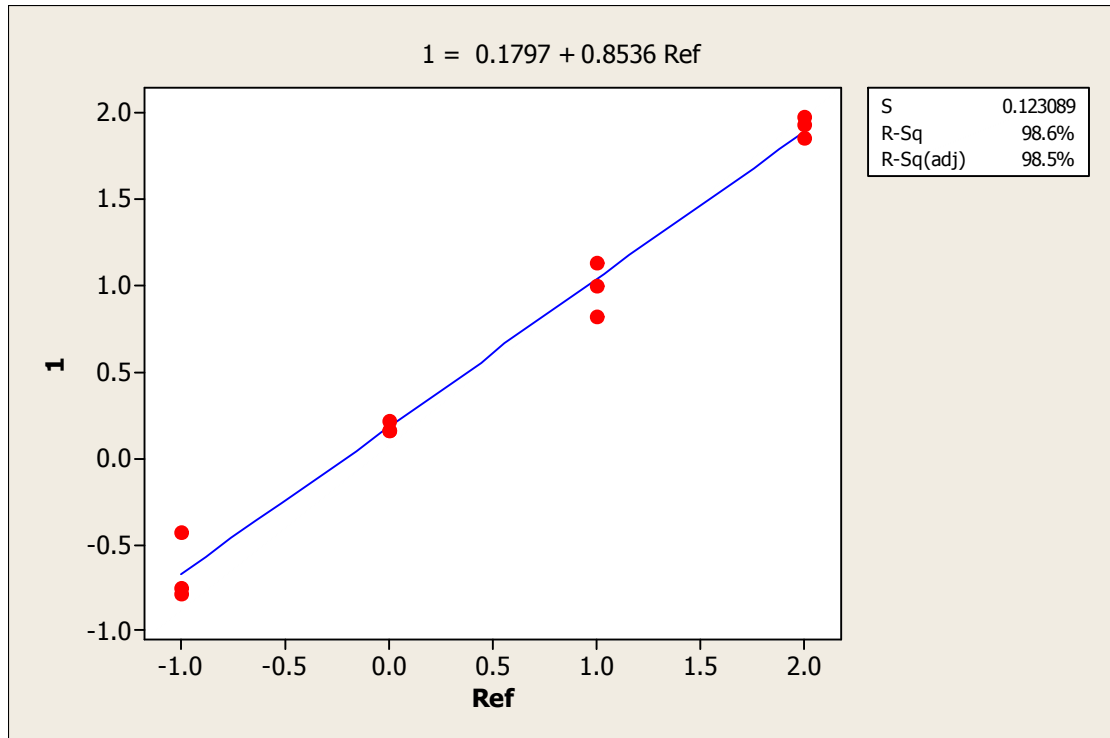
Appendix C: b2a2 linear regression plots

Summary of data

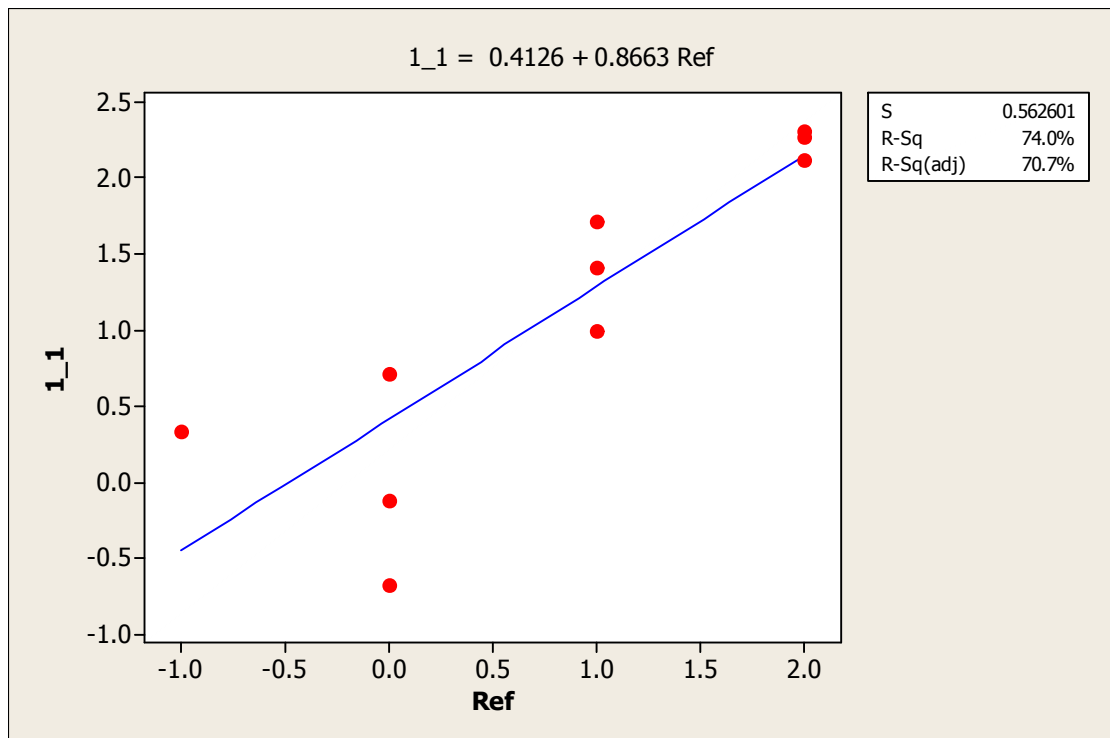
b2a2 aRNA samples			ABL			BCR			GUS		
Lab	Extraction method	Protocol	Gradient	S	R2 (Adj)	Gradient	S	R2 (Adj)	Gradient	S	R2 (Adj)
1	Trizol	Un_Ex				0.854	0.123	98.5%			
		Ex				0.866	0.563	70.7%			
2	Trizol	Un_Ex	0.962	0.085	99.4%						
		Ex	0.954	0.117	98.9%						
3	Trizol	Un_Ex	0.955	0.080	99.5%				0.939	0.102	99.1%
		Ex	0.957	0.081	99.5%				0.972	0.088	99.4%
4	QIAGEN	Un_Ex	0.899	0.190	96.8%						
		Ex	0.884	0.157	97.7%						
5	Trizol	Un_Ex	1.027	0.188	97.4%				1.032	0.221	96.5%
		Ex	0.661	0.284	88.9%				0.631	0.368	81.1%
6	QIAGEN	Un_Ex	0.950	0.134	98.6%				1.002	0.155	98.3%
		Ex	0.919	0.178	97.3%				0.981	0.232	96.1%
8	Trizol	Un_Ex	0.879	0.366	88.6%	0.911	0.301	92.5%	0.925	0.309	92.4%
		Ex	0.825	0.419	83.9%	0.813	0.305	90.6%	0.842	0.457	81.9%
9	Trizol	Un_Ex	0.978	0.099	99.2%				0.984	0.171	97.8%
		Ex	0.929	0.296	87.9%				0.938	0.385	81.2%
10	QIAGEN	Un_Ex	1.040	0.450	88.6%						
		Ex	0.980	0.378	87.6%						
11	Trizol	Un_Ex	0.947	0.094	99.3%						
		Ex	0.967	0.113	99.0%						
12	Trizol	Un_Ex	0.913	0.550	78.6%				0.910	0.527	79.9%
		Ex	no data	0.383	69.1%				no data	no data	no data
13	Trizol	Un_Ex	0.941	0.134	98.5%	0.934	0.077	99.5%	0.946	0.076	99.5%
		Ex	0.766	0.137	97.7%	0.803	0.176	96.6%	0.801	0.129	98.1%
14	Roche	Un_Ex	0.879	0.272	93.4%						
		Ex	0.926	0.222	95.9%						
16	Trizol	Un_Ex	0.920	0.072	99.6%				0.938	0.063	99.7%
		Ex	0.903	0.016	98.2%				0.871	0.098	98.3%
18	Trizol	Un_Ex	0.920	0.058	99.7%						
		Ex	0.806	0.161	96.9%						
20	RNAzol	Un_Ex	0.835	0.289	91.9%				0.865	0.261	93.7%
		Ex	0.957	0.134	98.7%				1.000	0.107	99.2%
21	Trizol	Un_Ex	0.220	0.218	56.5%	0.929	0.114	98.9%	0.927	0.105	99.1%
		Ex	no data	no data	no data	no data	no data	no data	no data	no data	no data
22	Trizol	Un_Ex	1.025	0.363	91.5%				1.021	0.359	91.6%
		Ex	1.627	0.705	86.8%				1.617	0.788	83.8%
23	T & Q	Un_Ex							0.985	0.071	99.6%
		Ex							0.887	0.615	73.3%
25	Trizol	Un_Ex	0.972	0.157	98.1%	0.928	0.125	98.7%	0.976	0.140	98.5%
		Ex	0.972	0.200	97.0%	0.872	0.139	98.2%	0.903	0.252	94.6%
28	Trizol	Un_Ex	0.974	0.096	99.3%	0.991	0.056	99.8%	0.990	0.149	98.4%
		Ex	0.954	0.127	98.7%	0.964	0.175	97.6%	0.958	0.118	98.9%
29	Trizol	Un_Ex	0.978	0.108	99.1%				0.997	0.113	99.1%
		Ex	0.965	0.099	99.2%				0.984	0.100	99.2%

Lab 1

b2a2 / BCR Unextracted

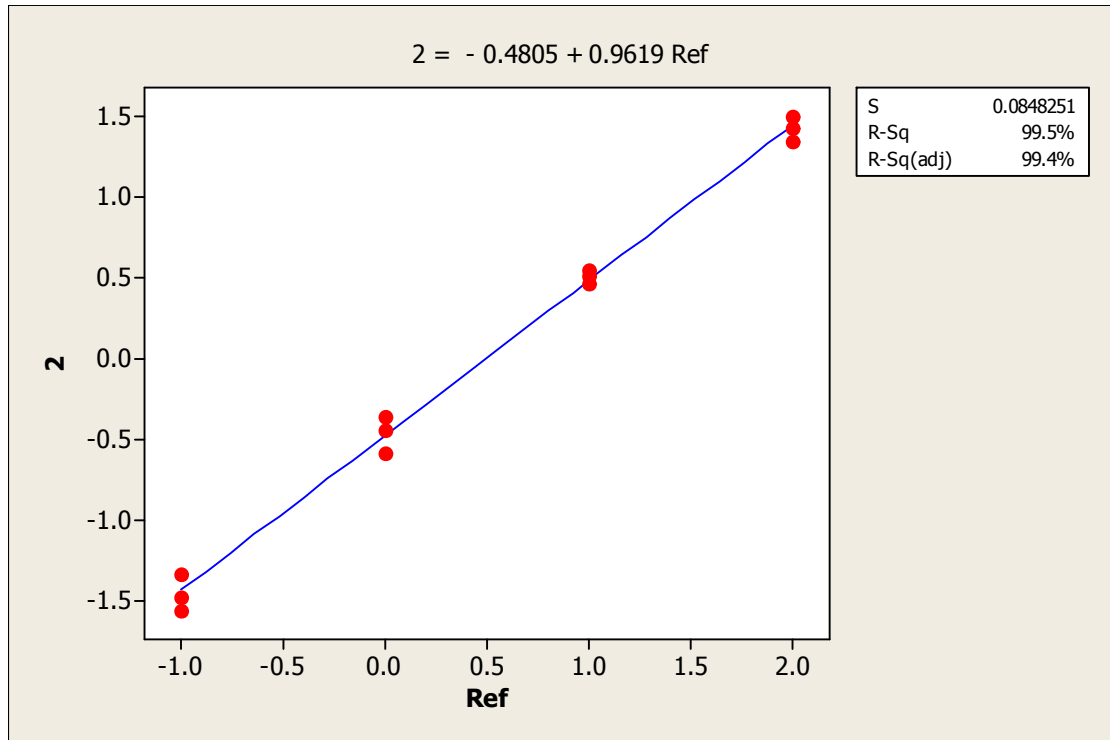


b2a2 / BCR Extracted

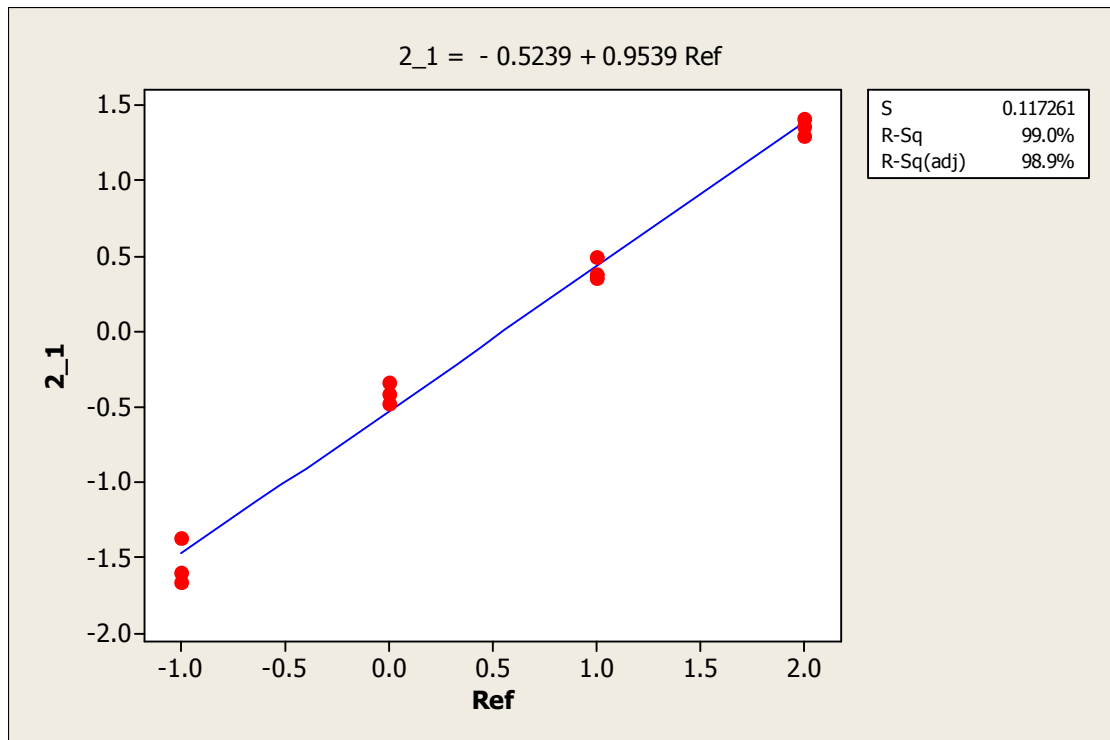


Lab 2

b2a2 / ABL Unextracted

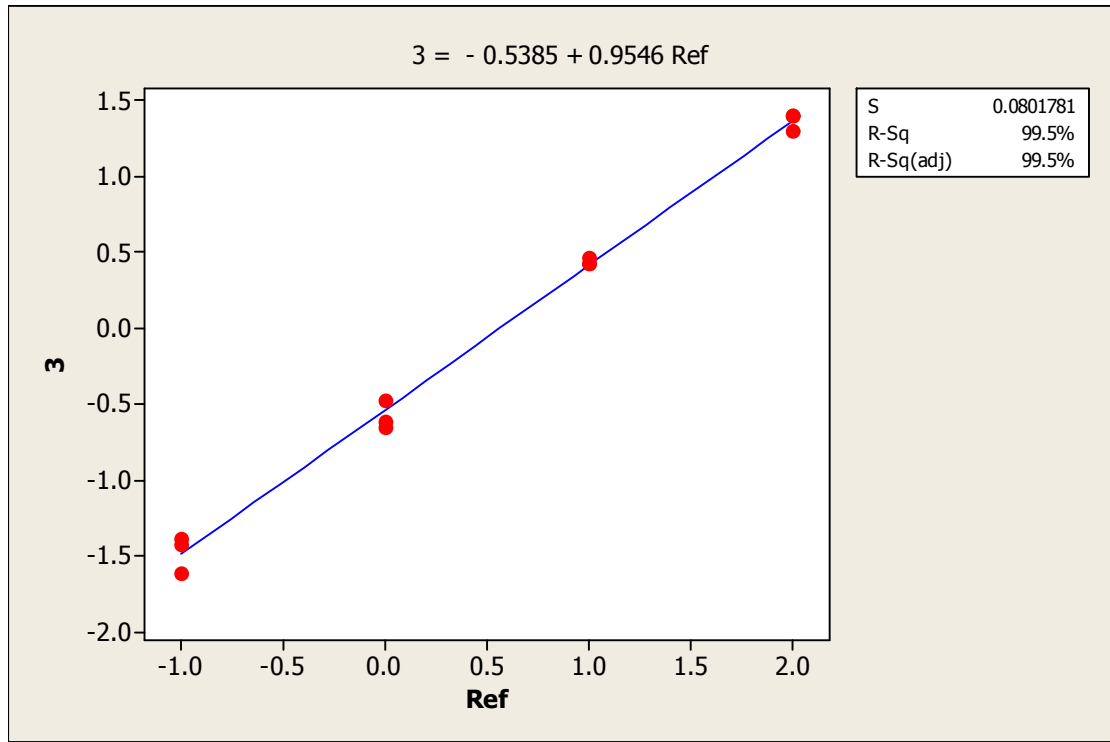


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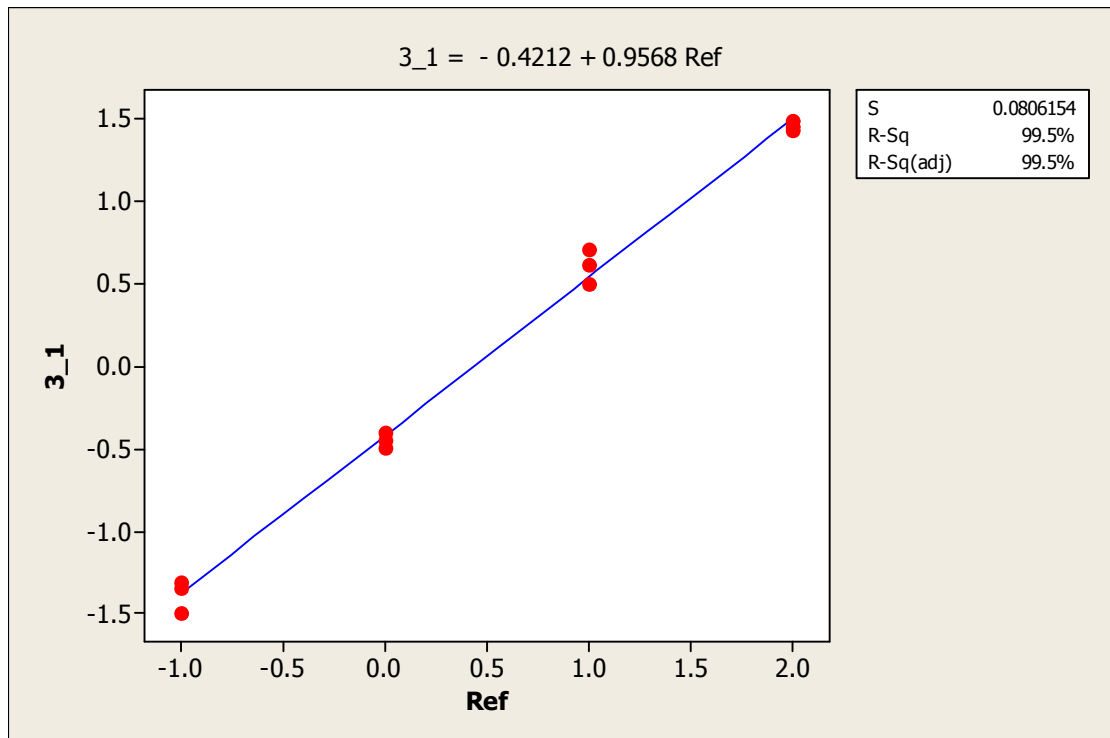


Lab 3

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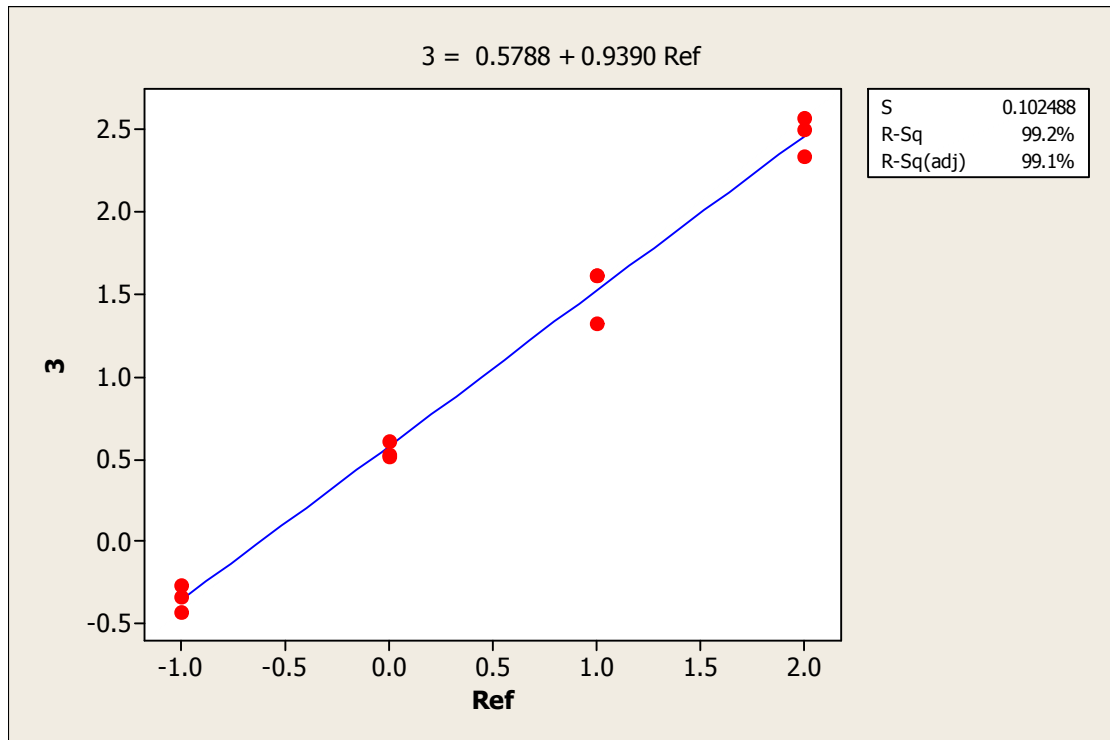


b2a2 / ABL Extracted

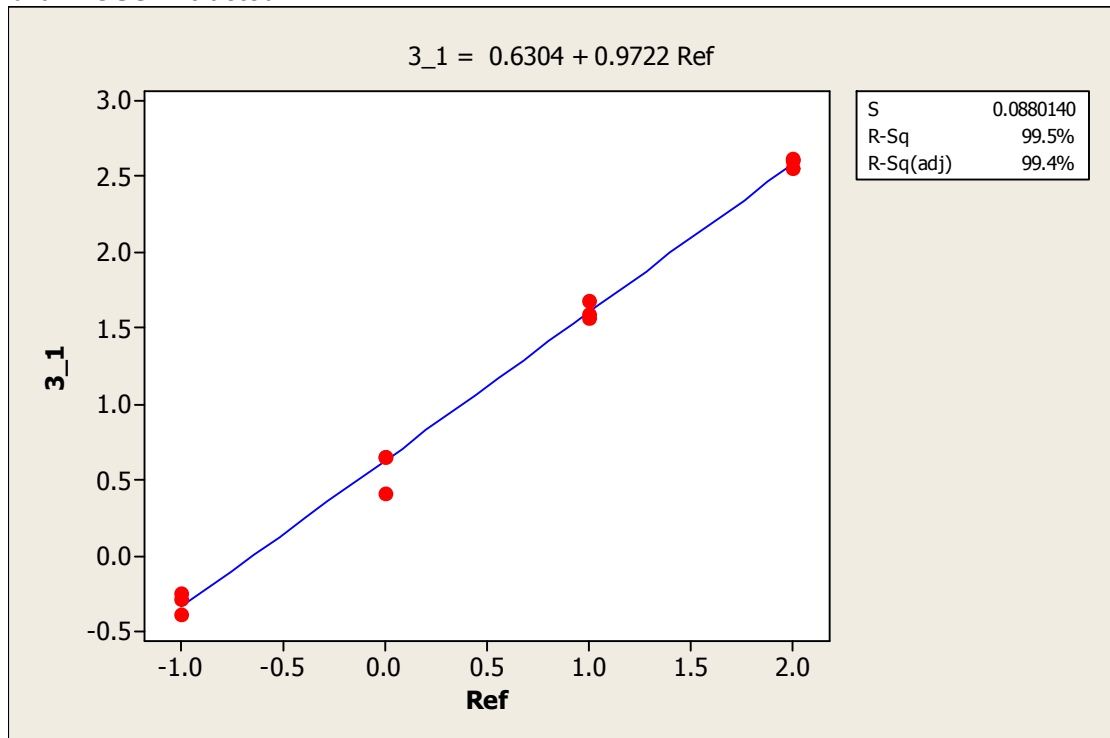


Lab 3

b2a2 / GUS Unextracted

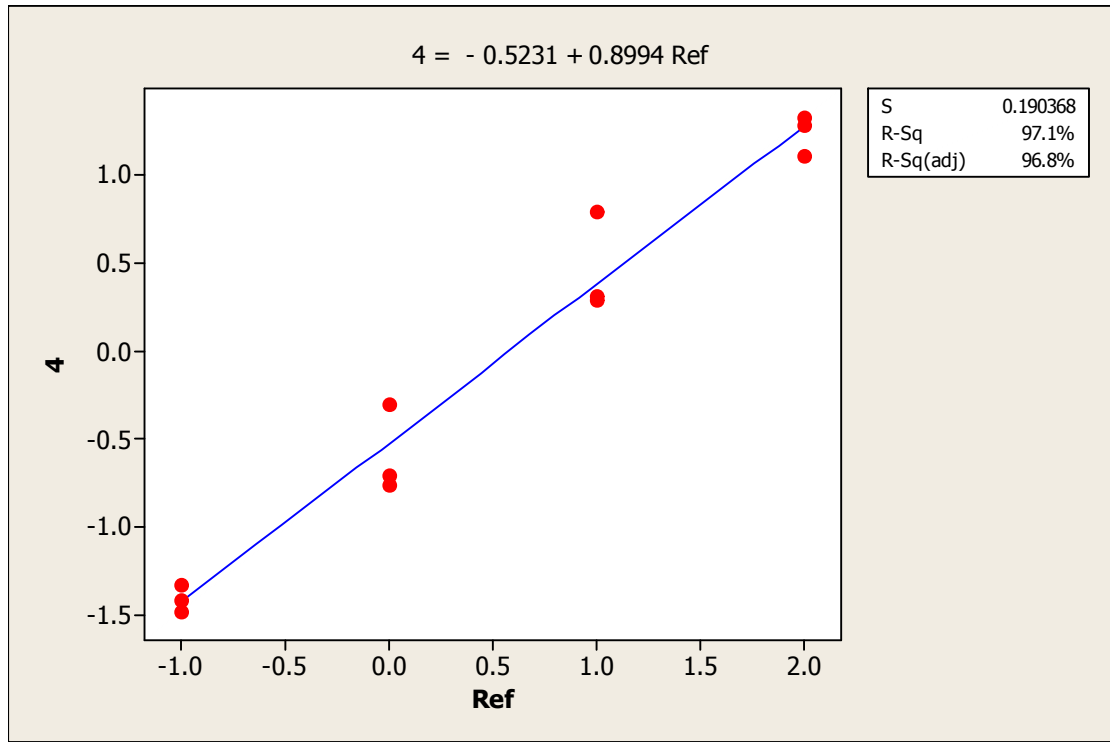


b2a2 / GUS Extracted

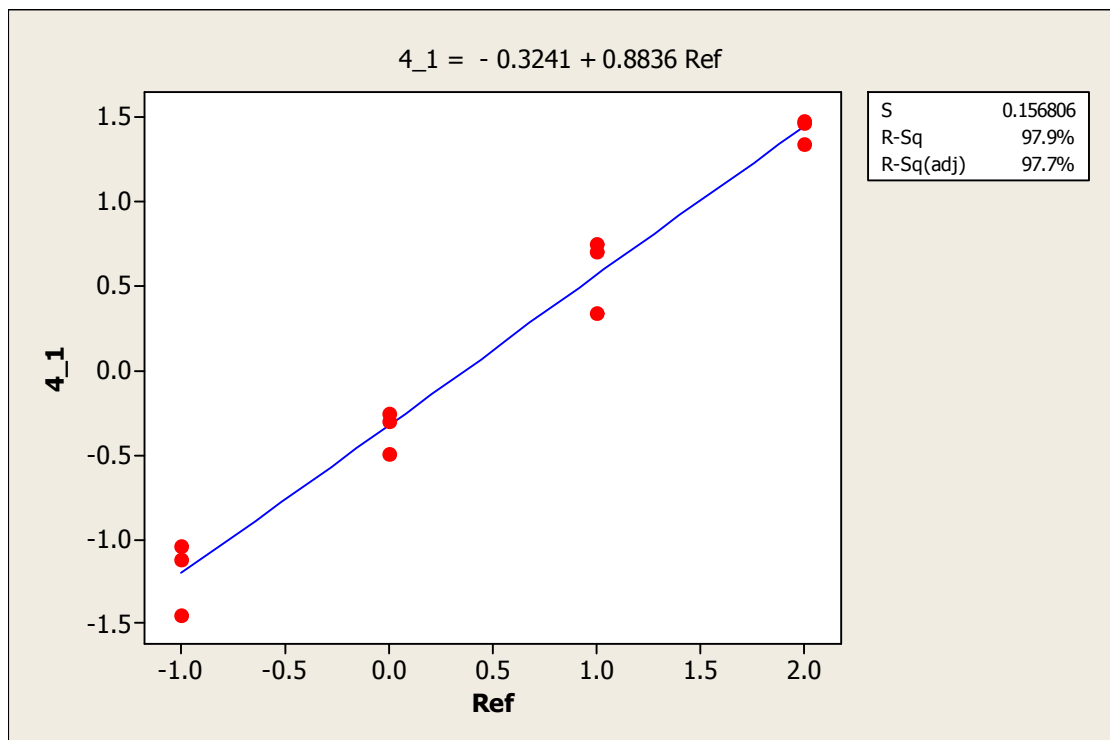


Lab 4

b2a2 / ABL Unextracted

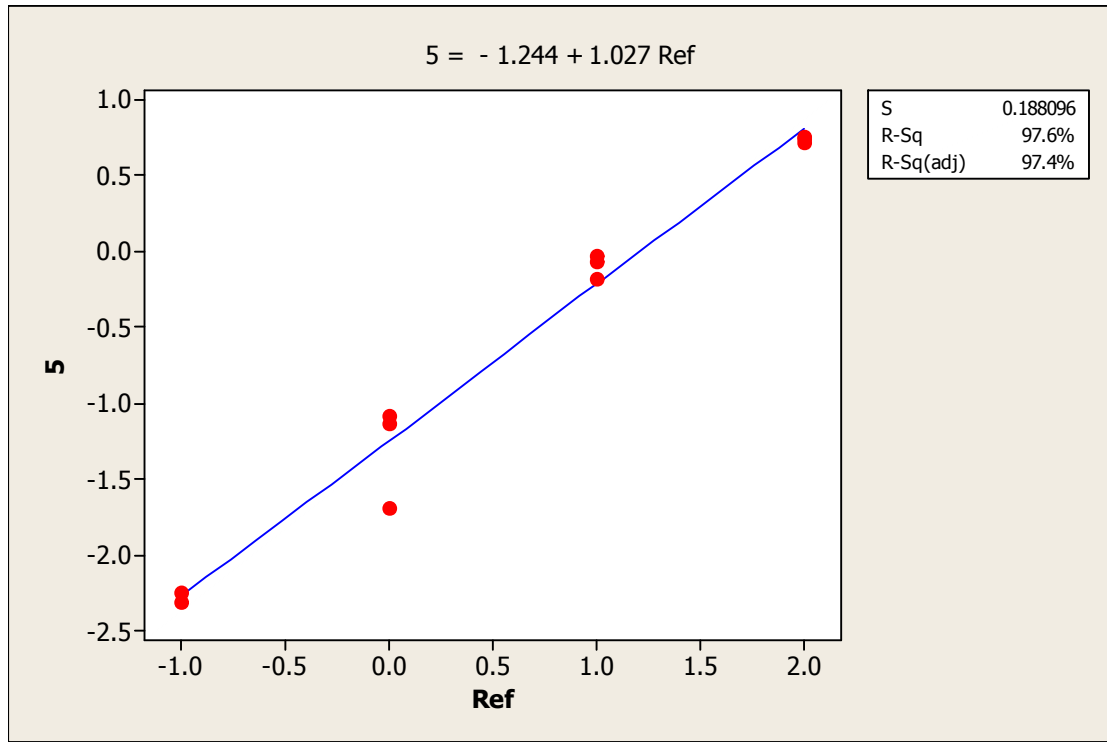


b2a2 / ABL Extracted

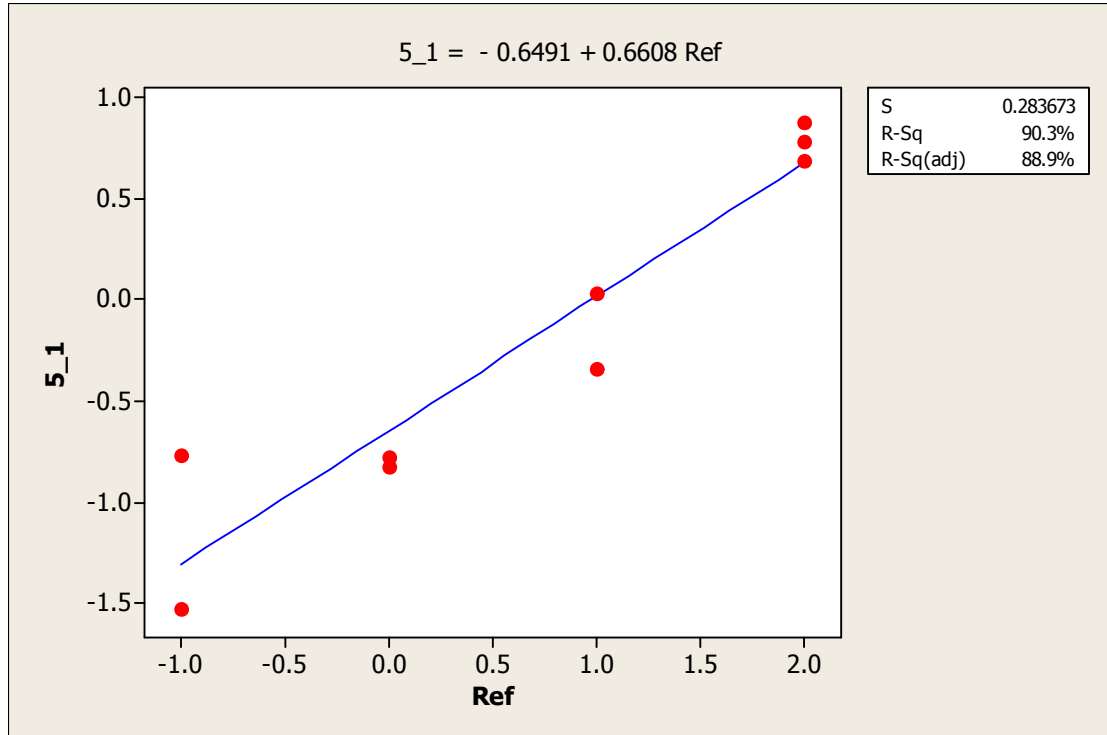


Lab 5

b2a2 / ABL Unextracted

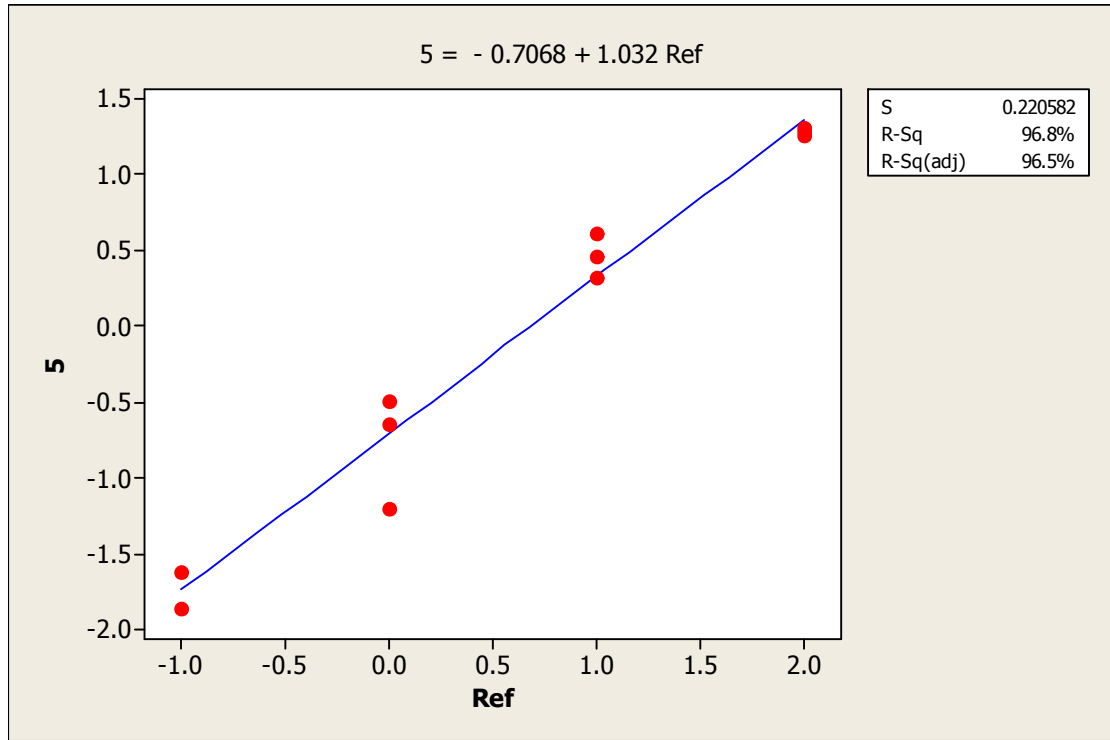


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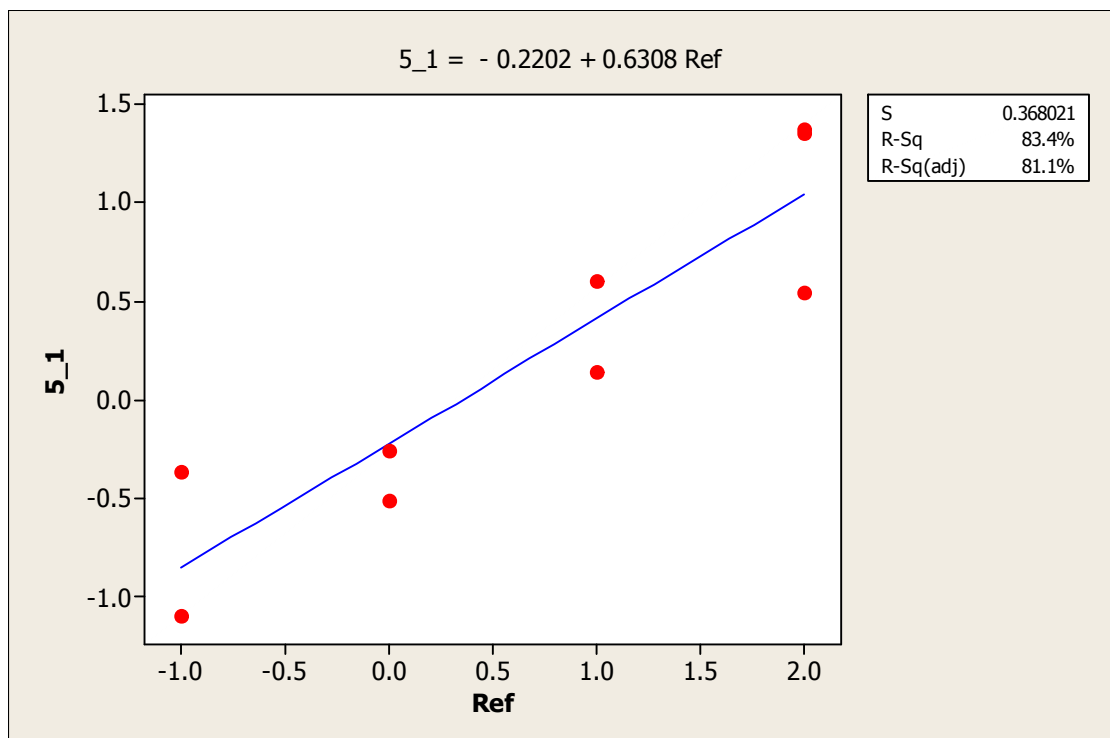


Lab 5

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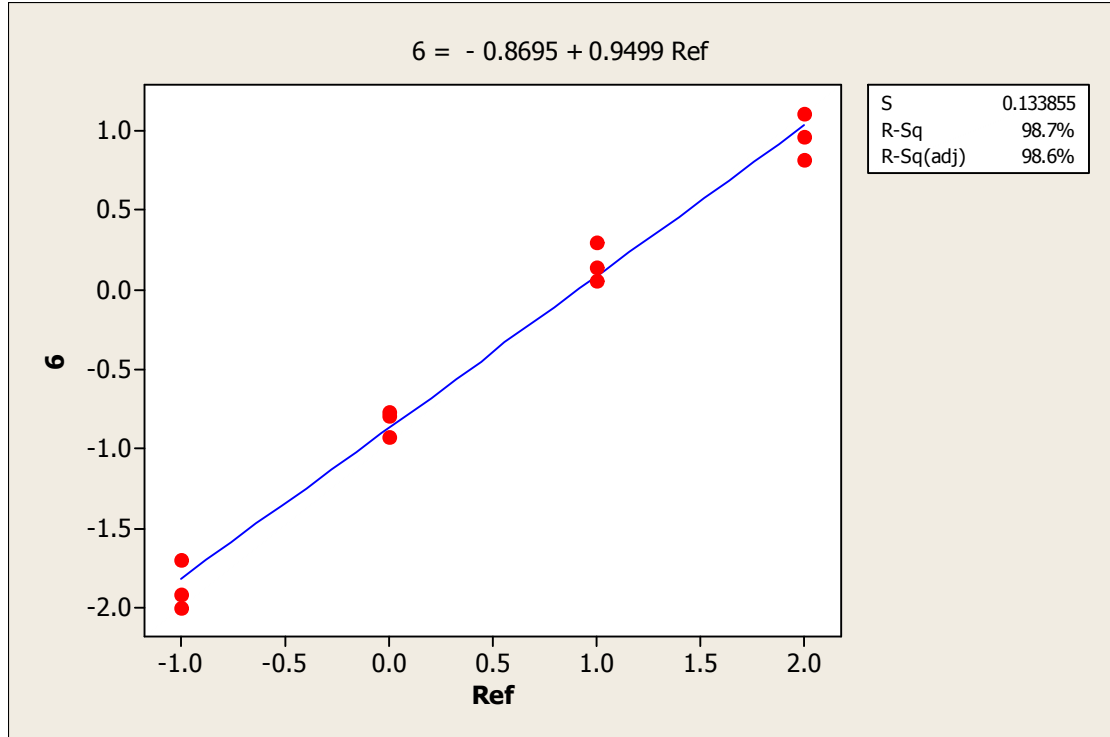


b2a2 / GUS Extracted

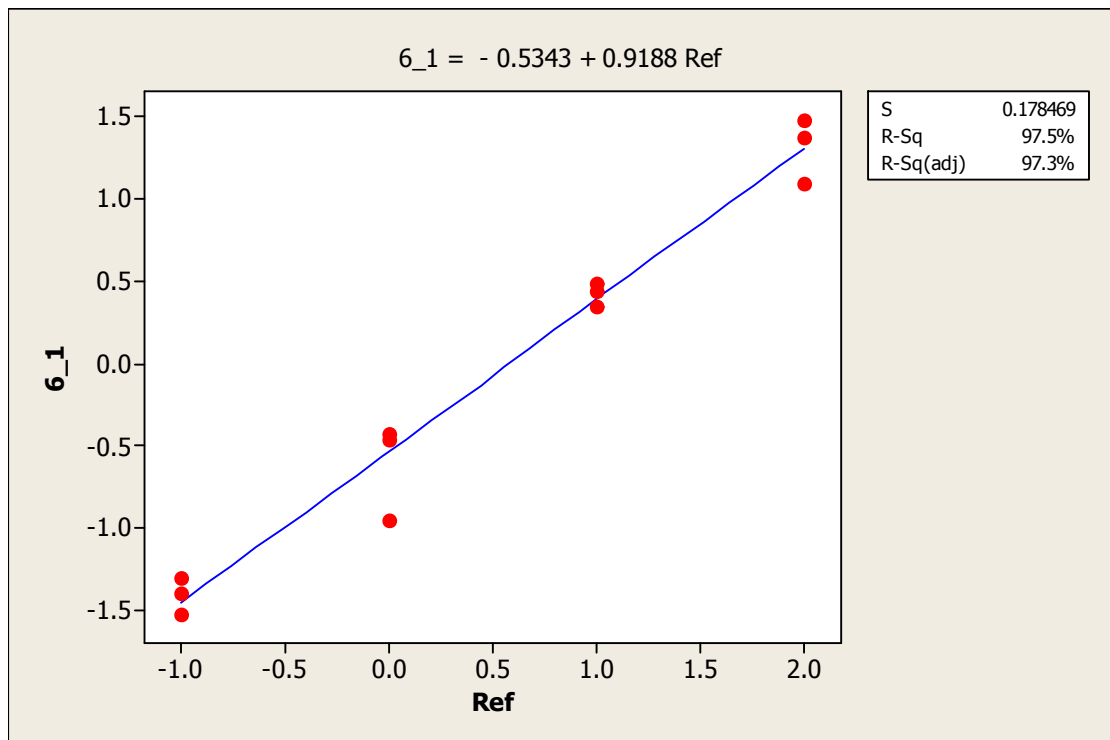


Lab 6

b2a2 / ABL Unextracted

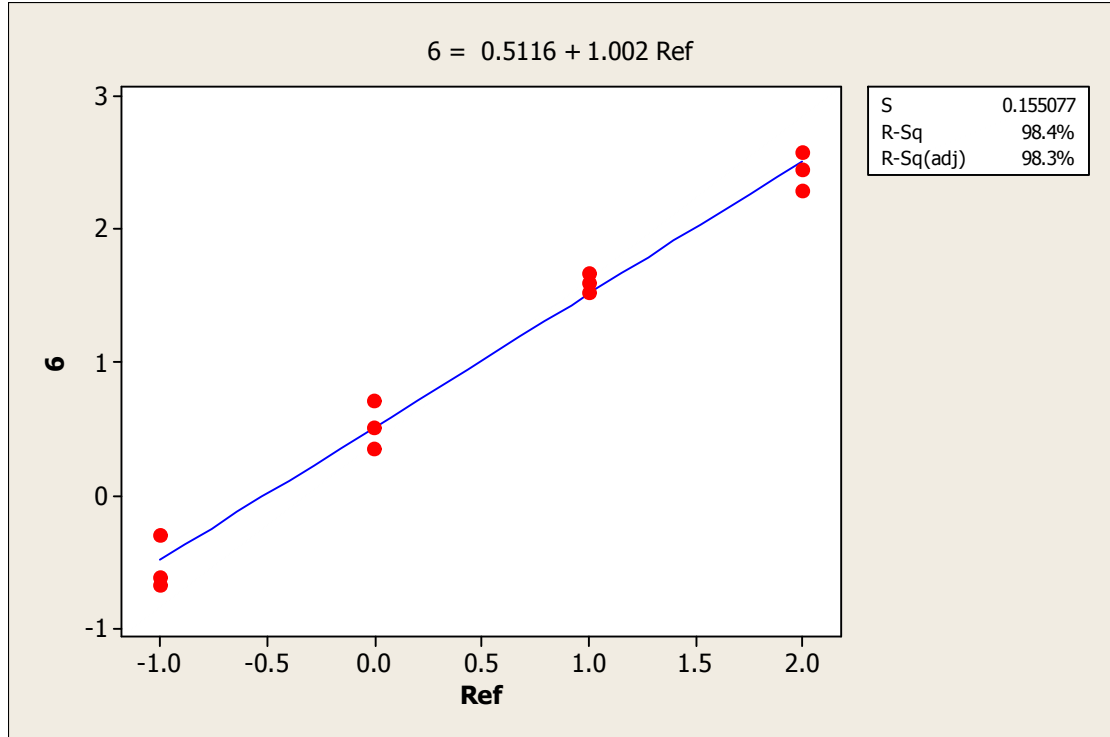


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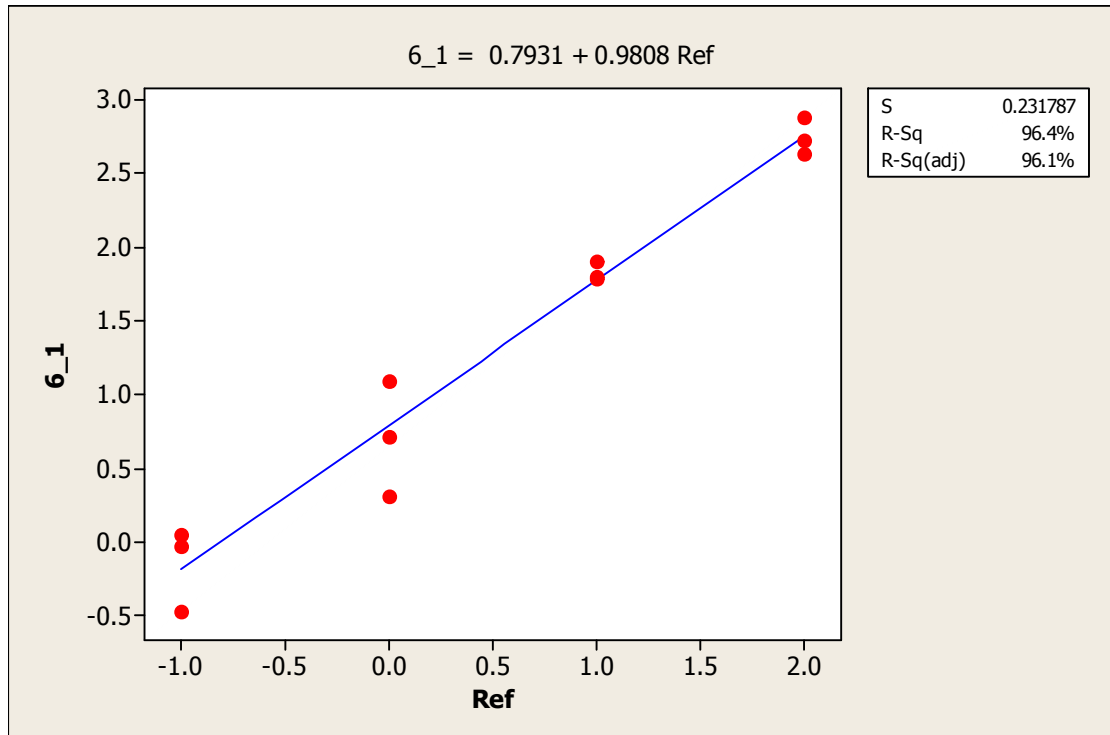


Lab 6

b2a2 / GUS Unextracted

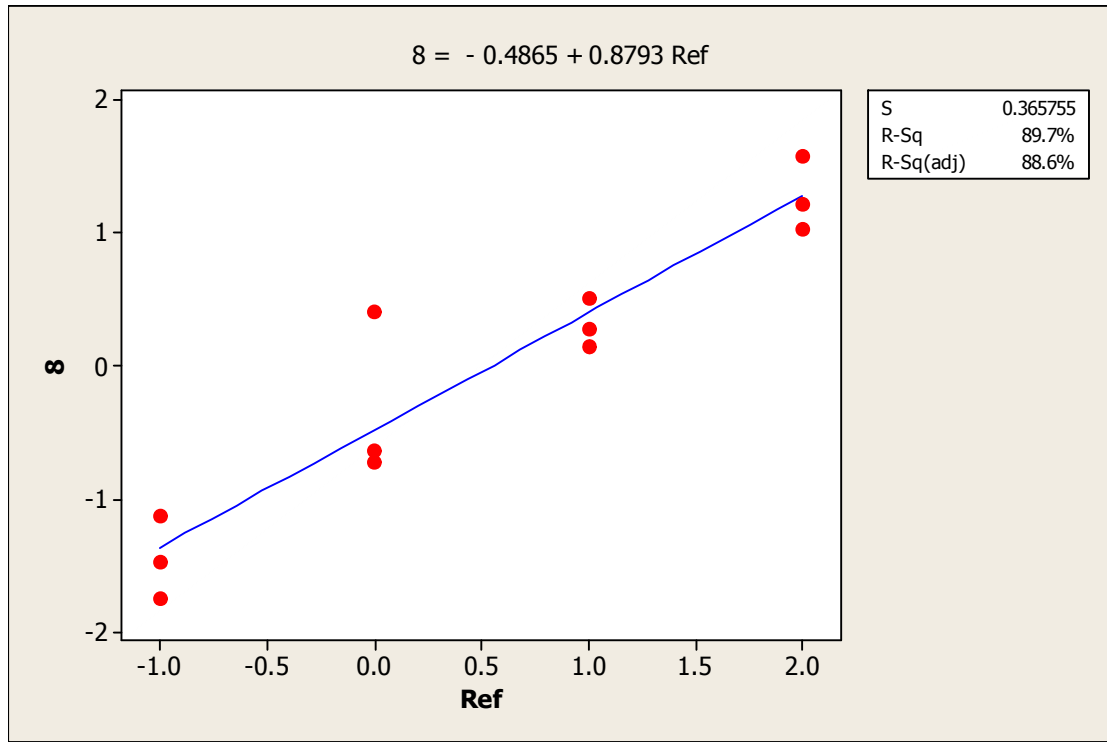


b2a2 / GUS Extracted

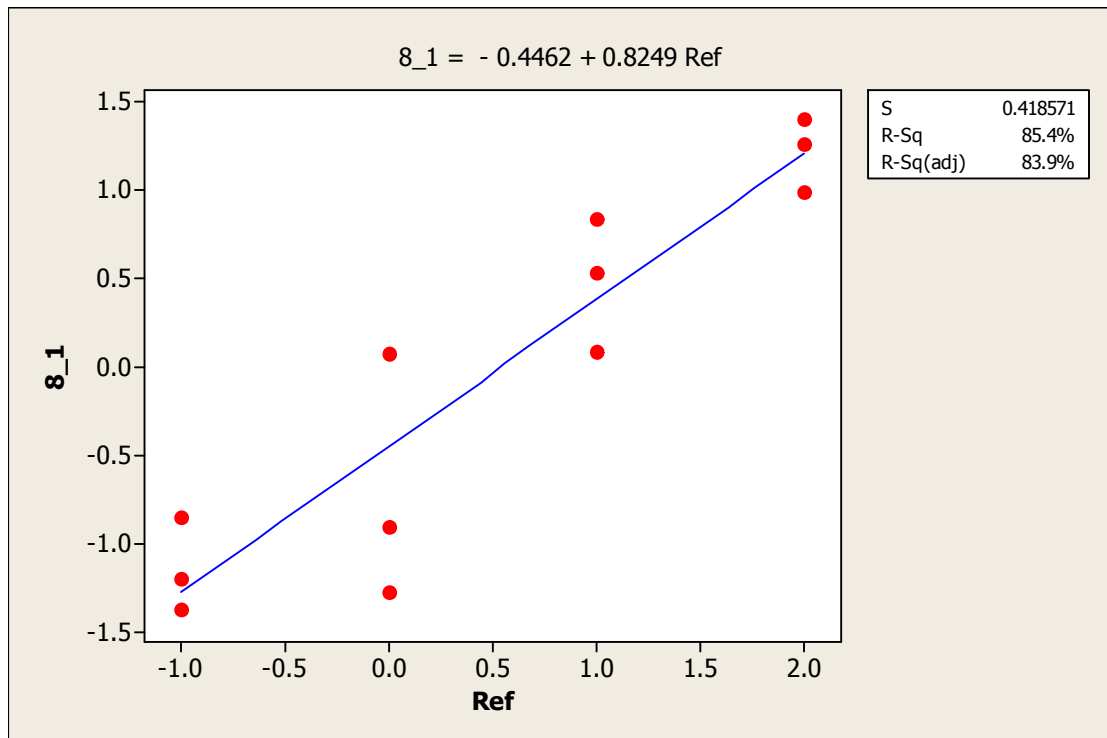


Lab 8

b2a2 / ABL Unextracted

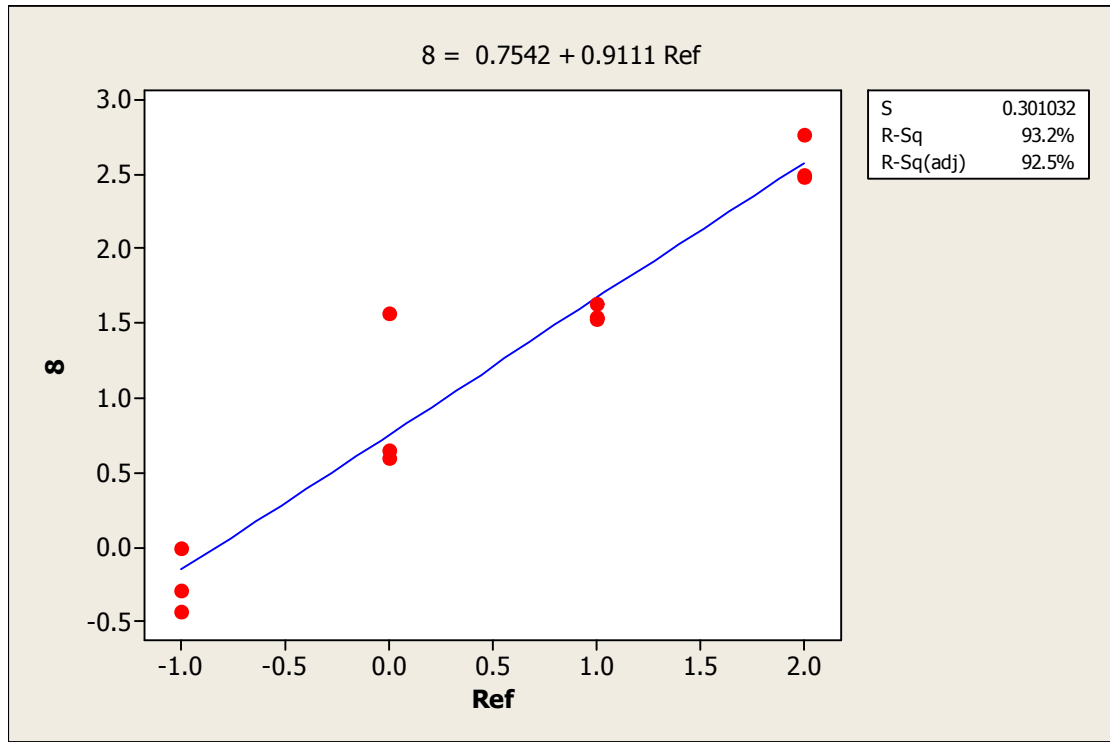


b2a2 / ABL Extracted

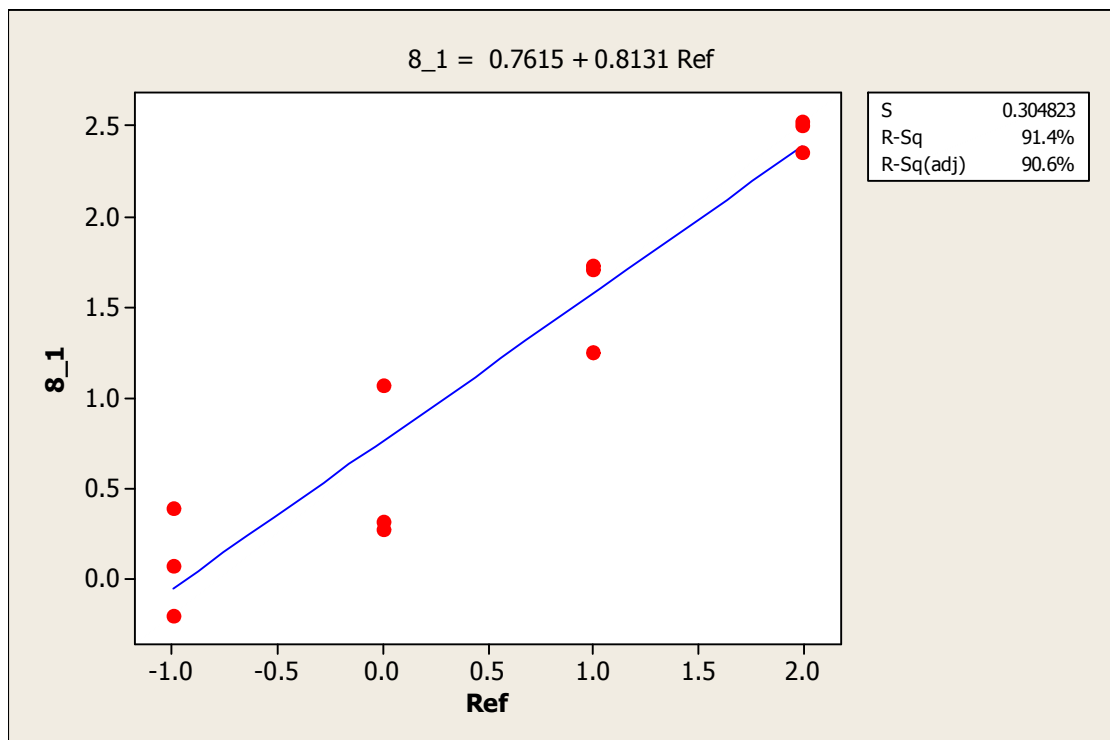


Lab 8

b2a2 / BCR Unextracted

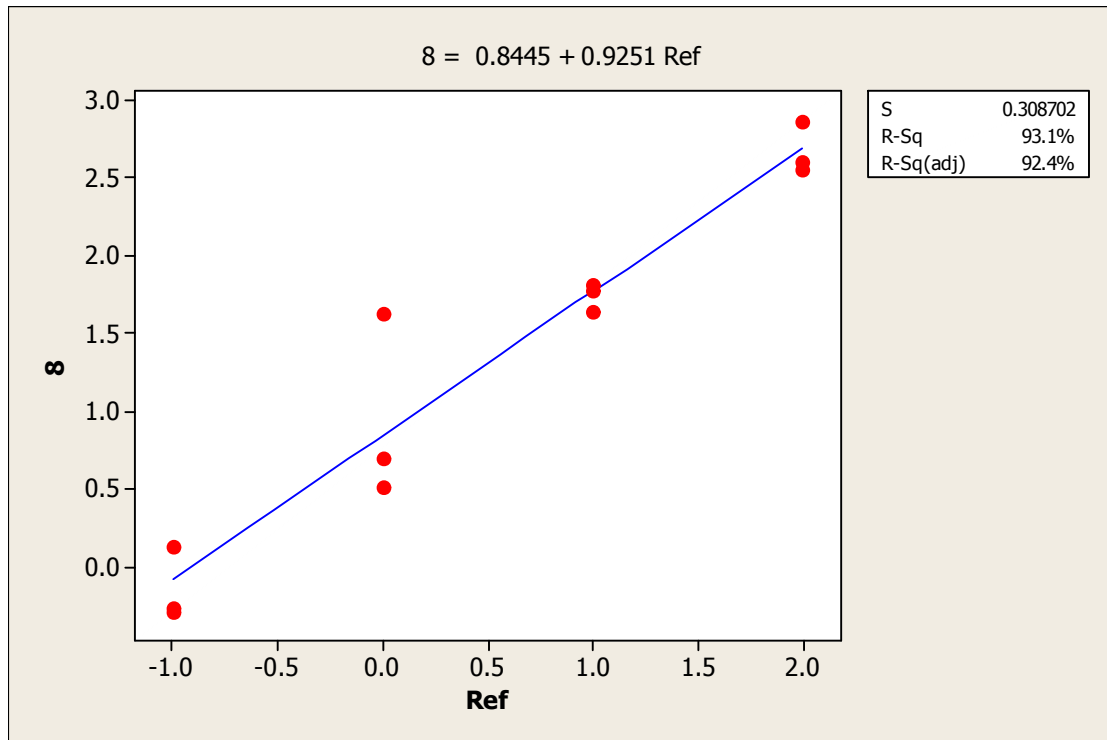


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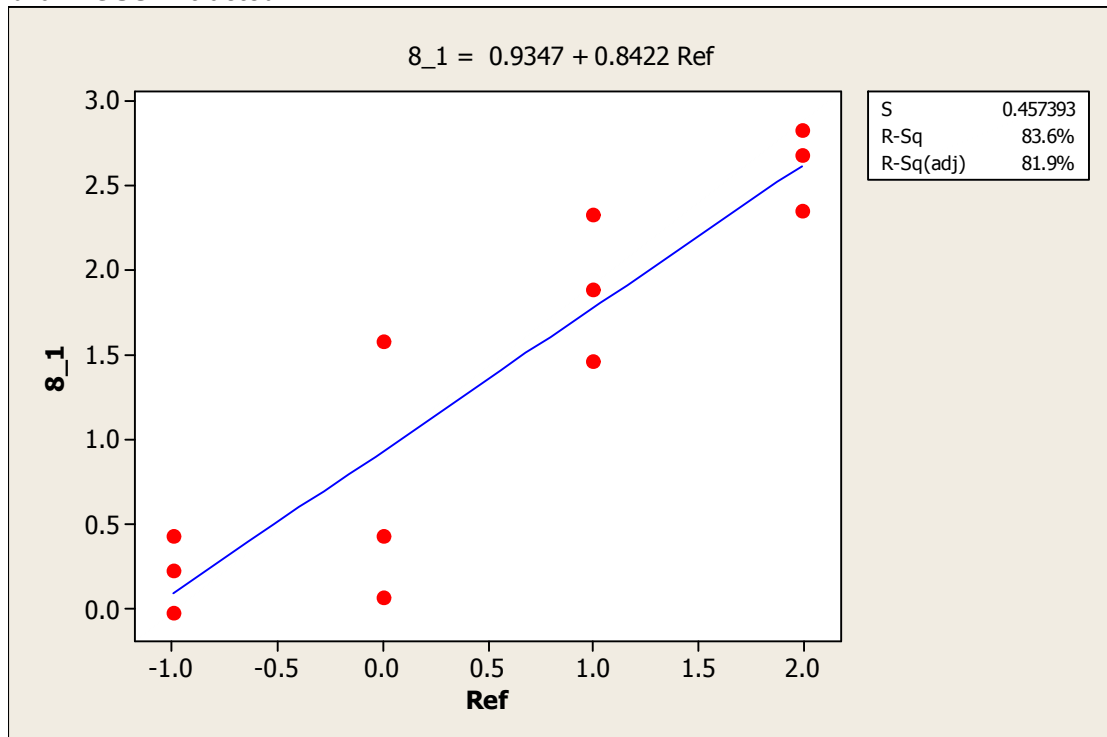


Lab 8

b2a2 / GUS Unextracted

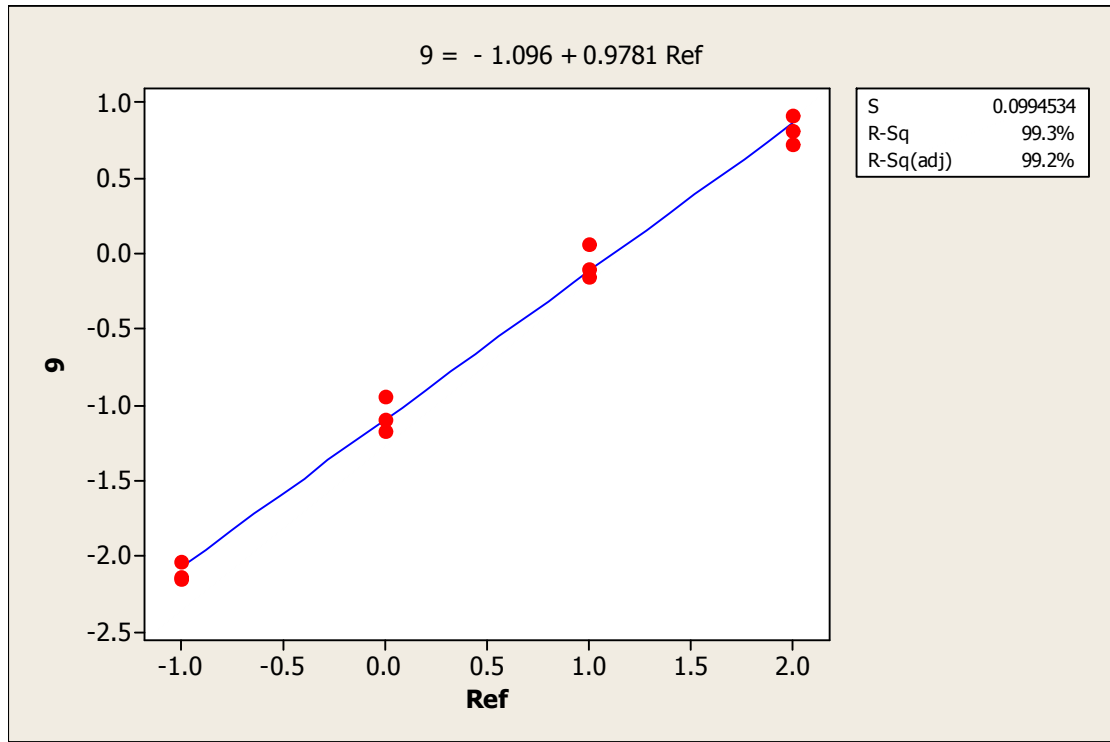


b2a2 / GUS Extracted

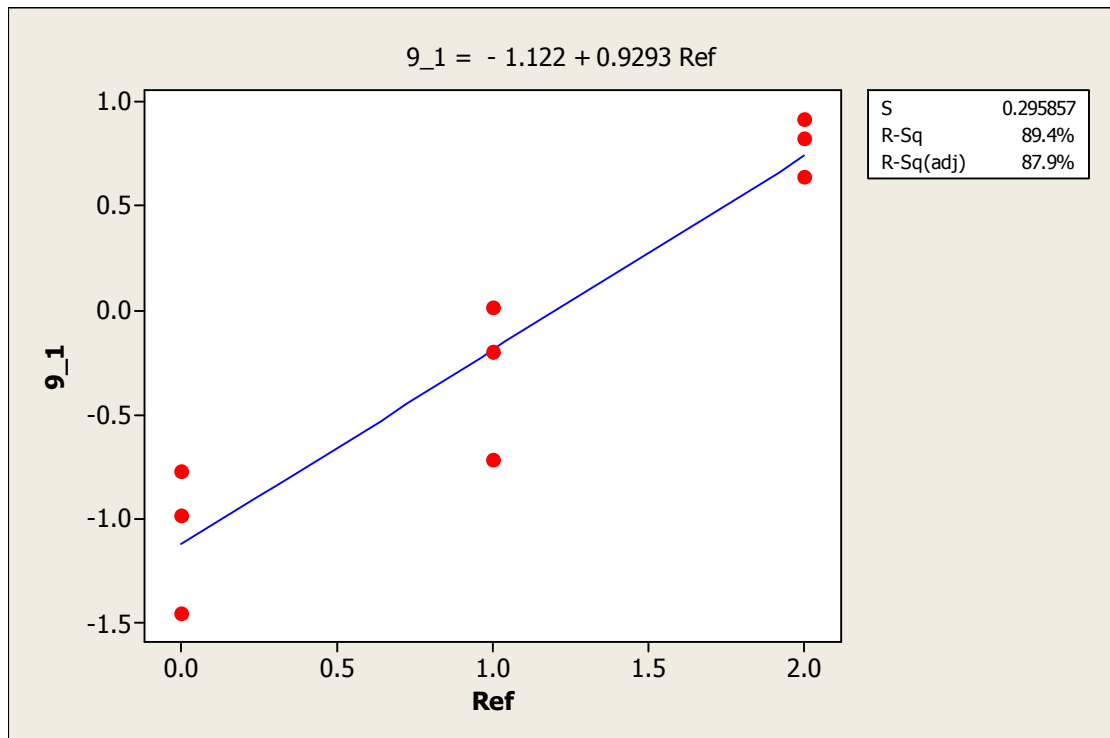


Lab 9

b2a2 / ABL Unextracted

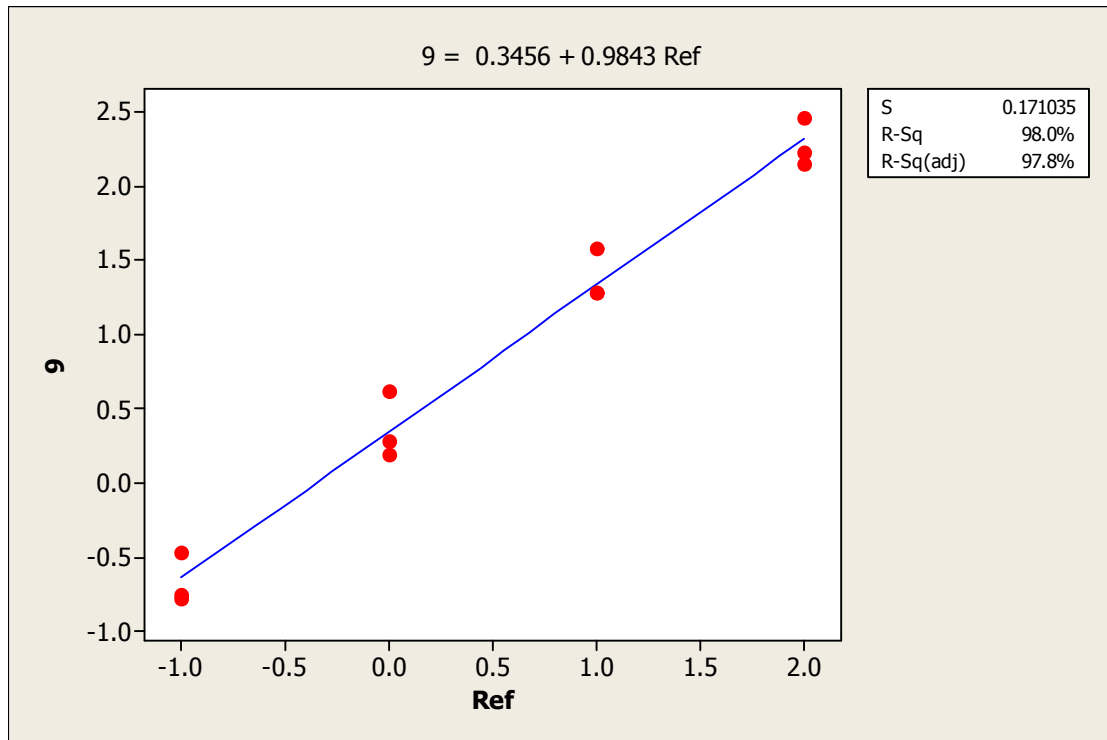


b2a2 / ABL Extracted

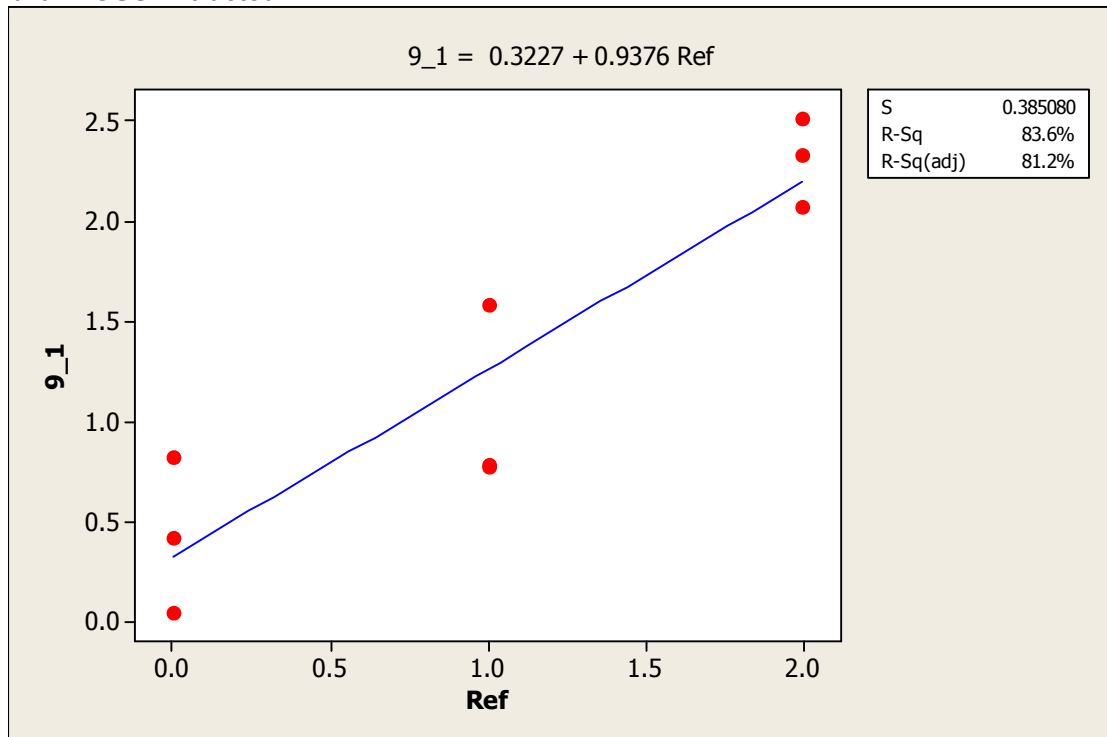


Lab 9

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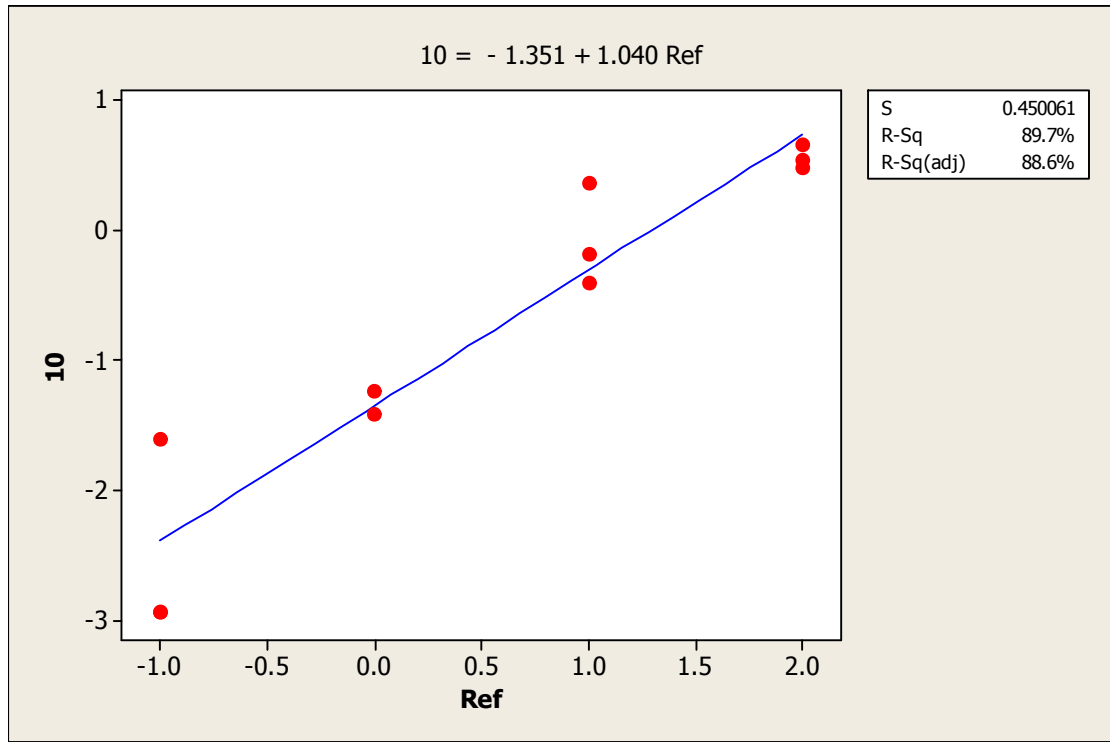


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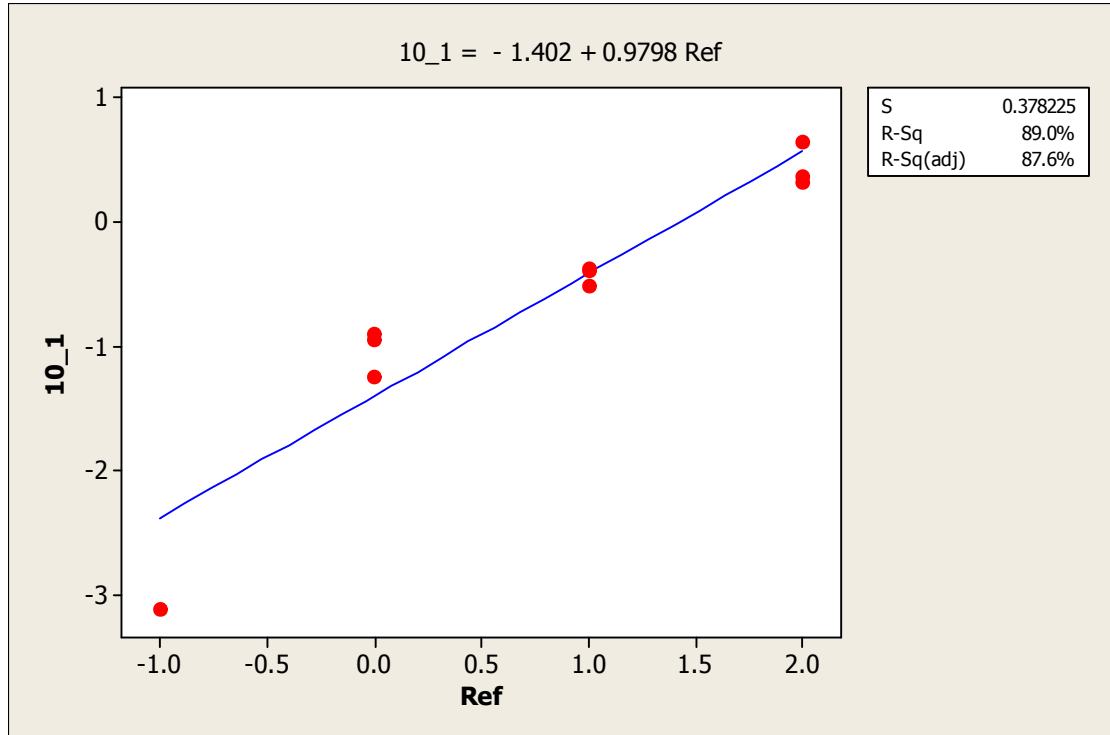


Lab 10

b2a2 / ABL Unextracted

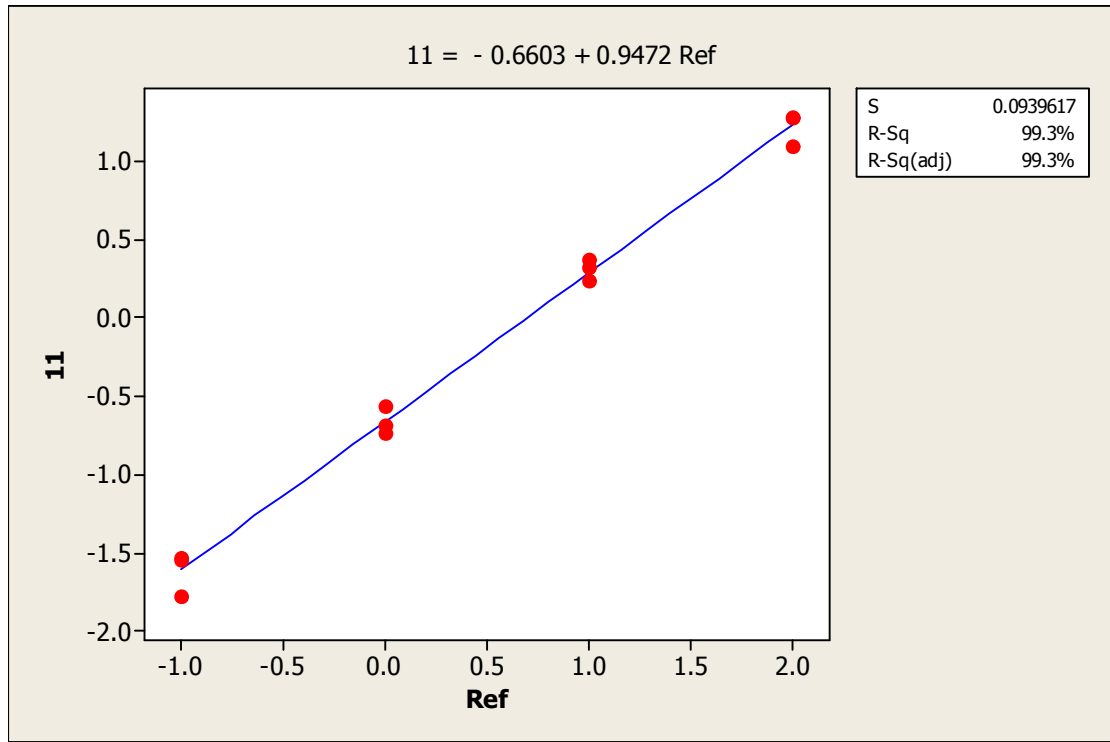


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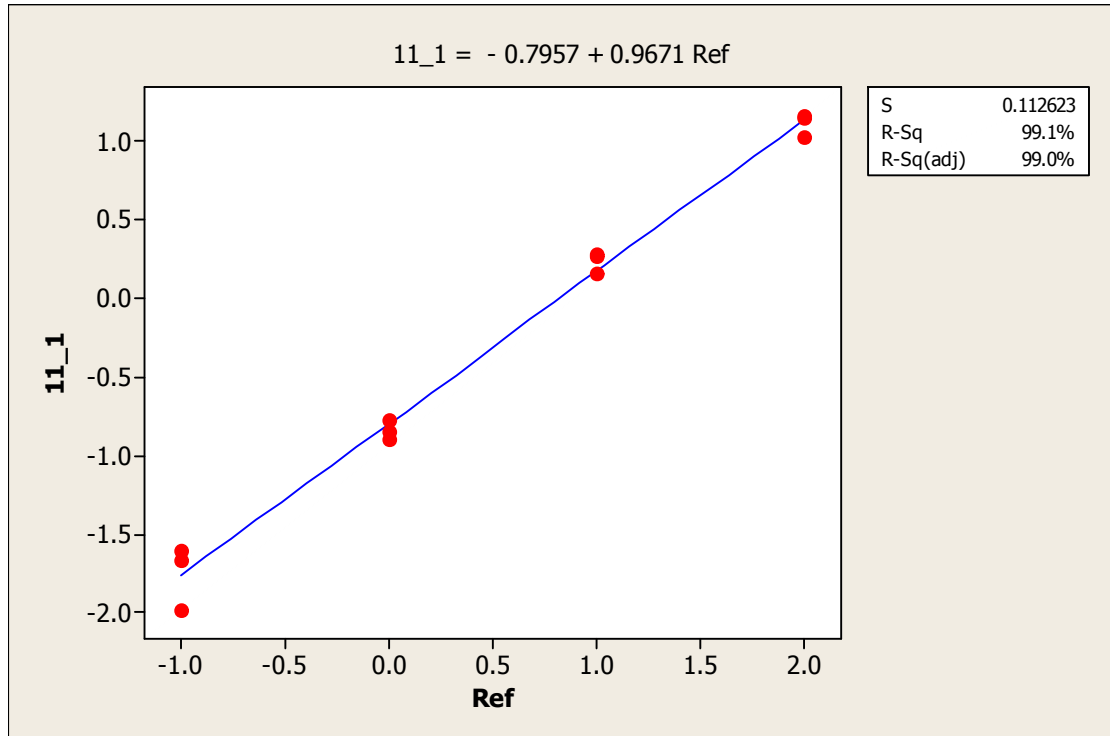


Lab 11

b2a2 / ABL Unextracted

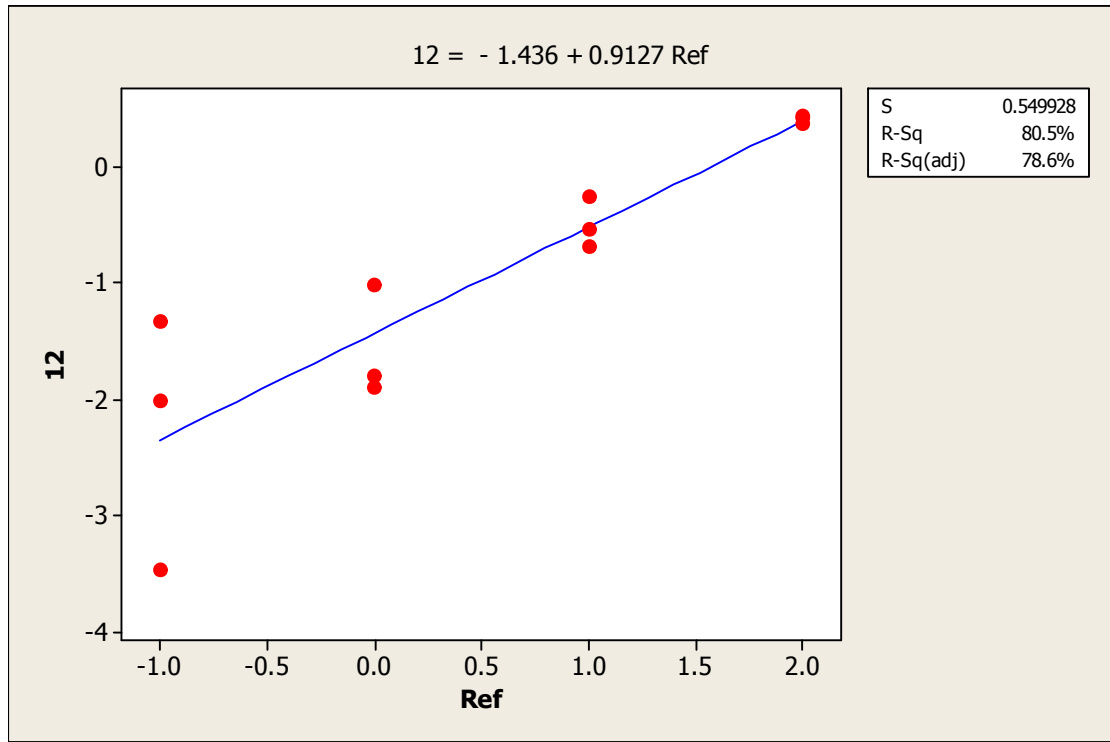


b2a2 / ABL Extracted

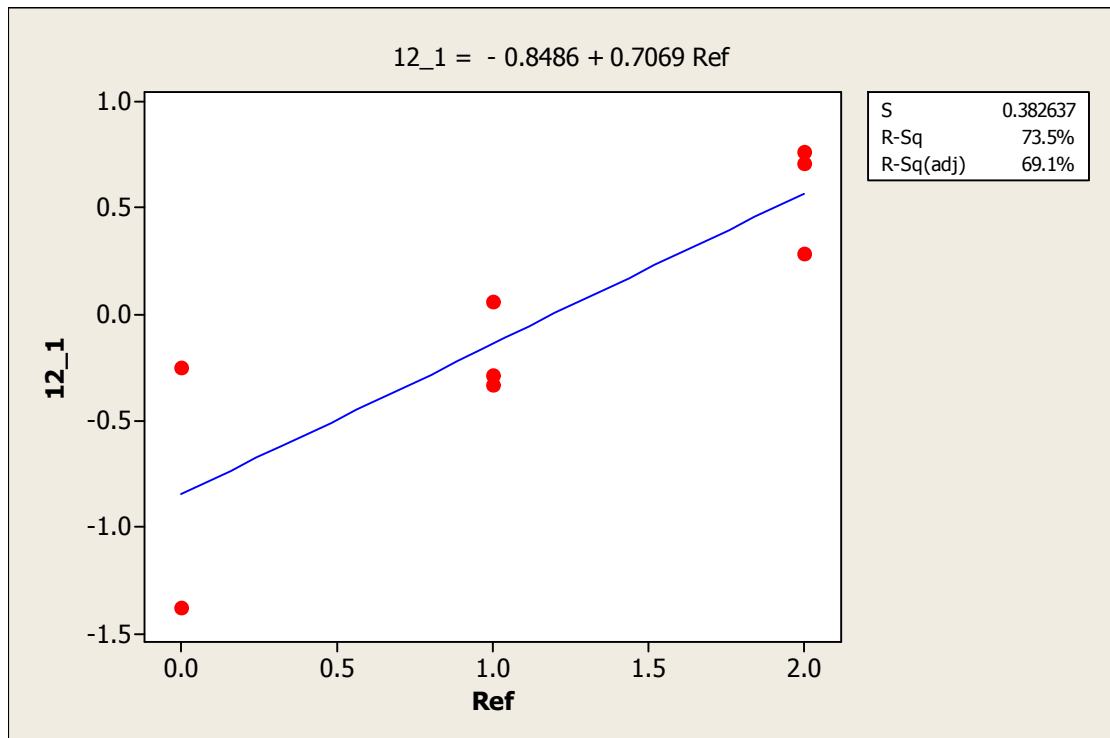


Lab 12

b2a2 / ABL Unextracted

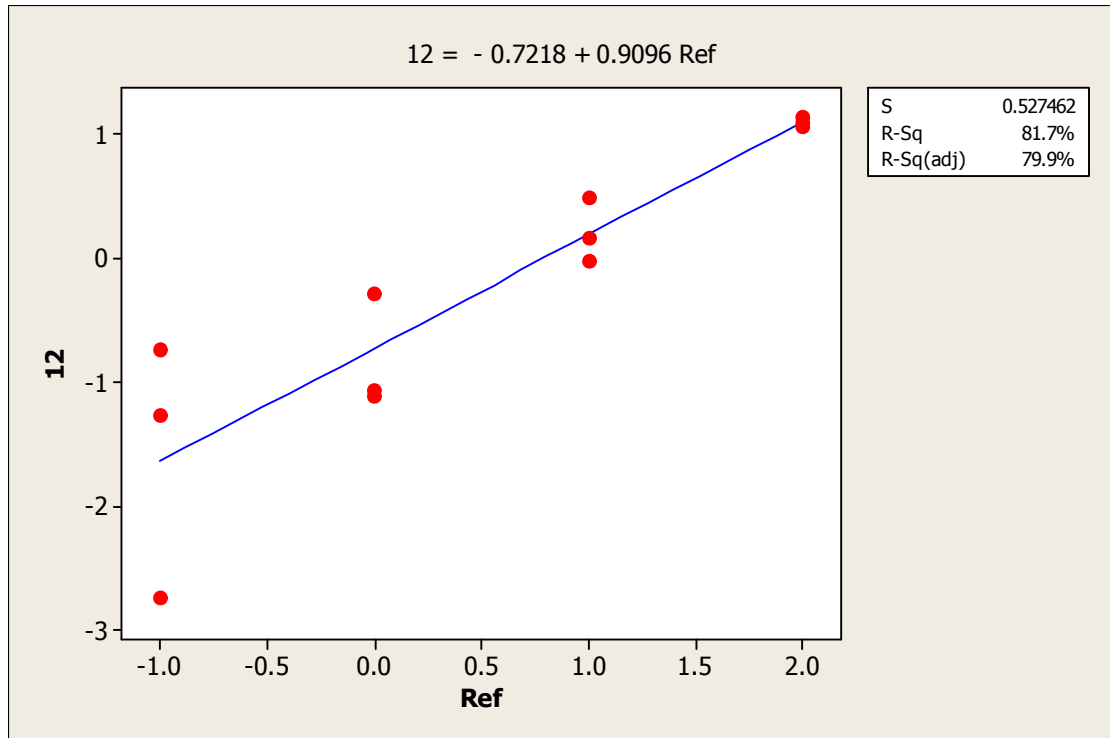


b2a2 / ABL Extracted

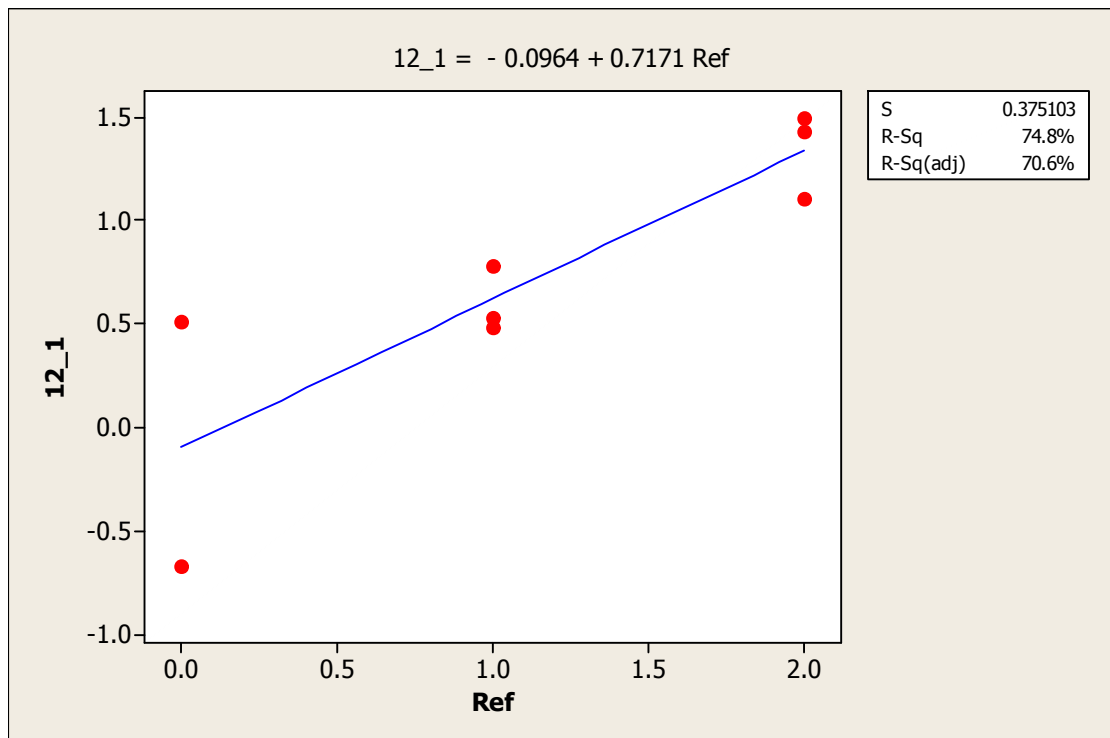


Lab 12

b2a2 / GUS Unextracted

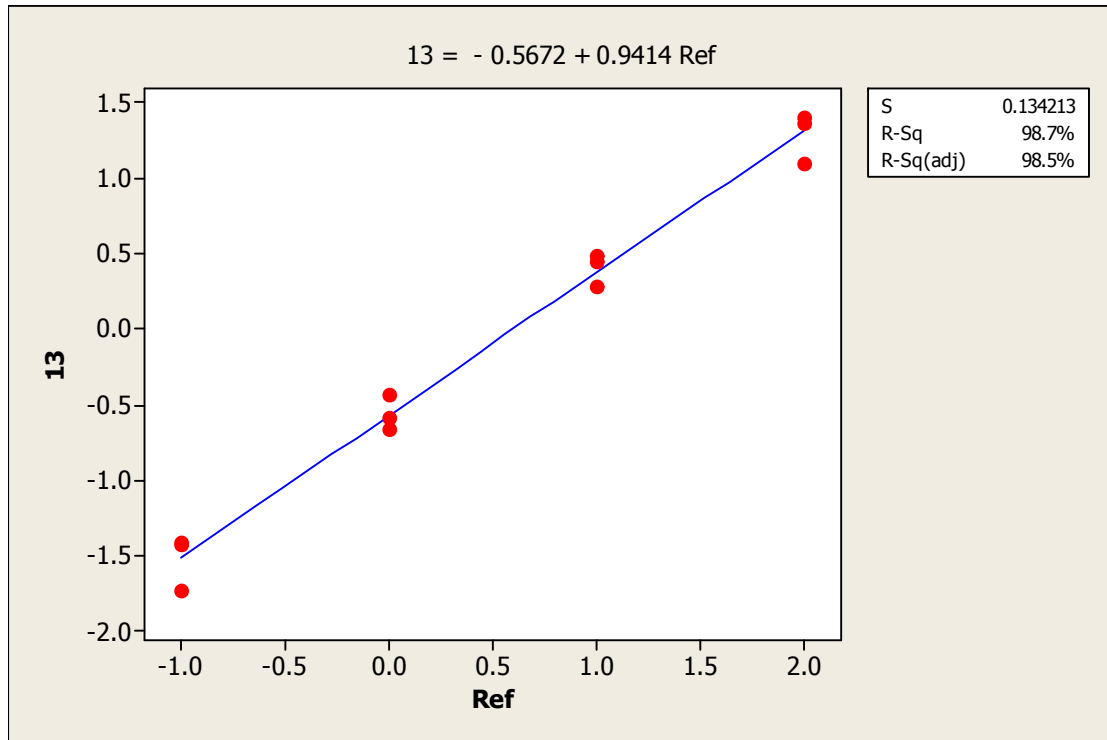


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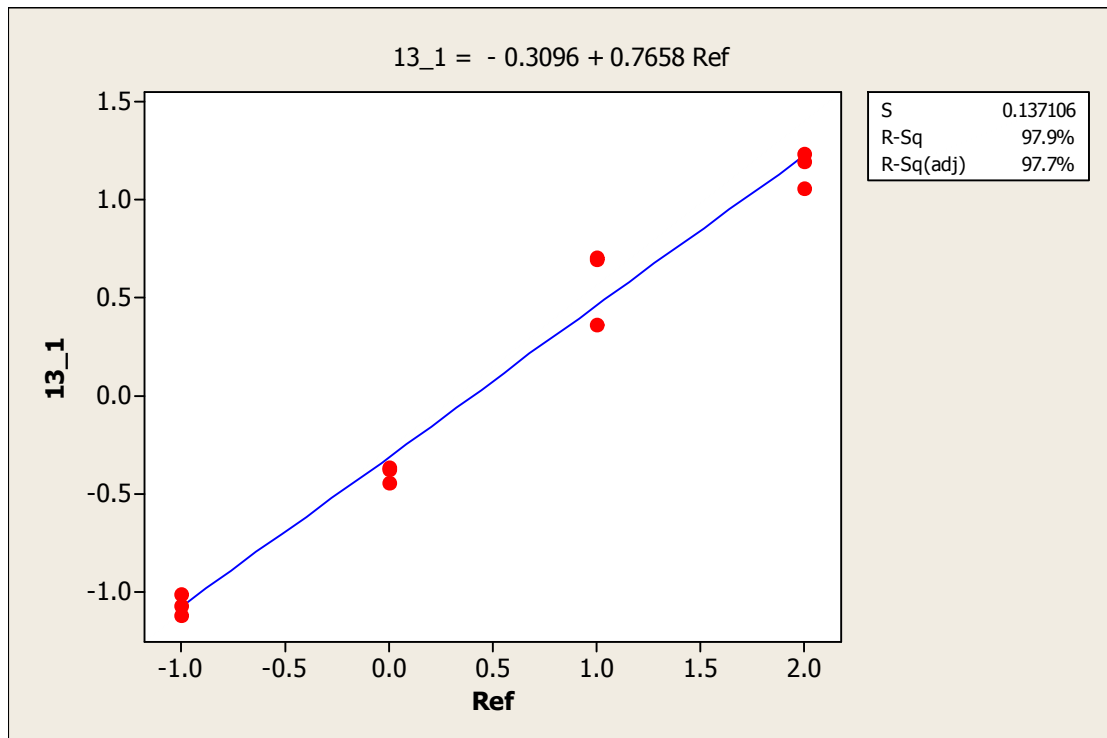


Lab 13

b2a2 / ABL Unextracted

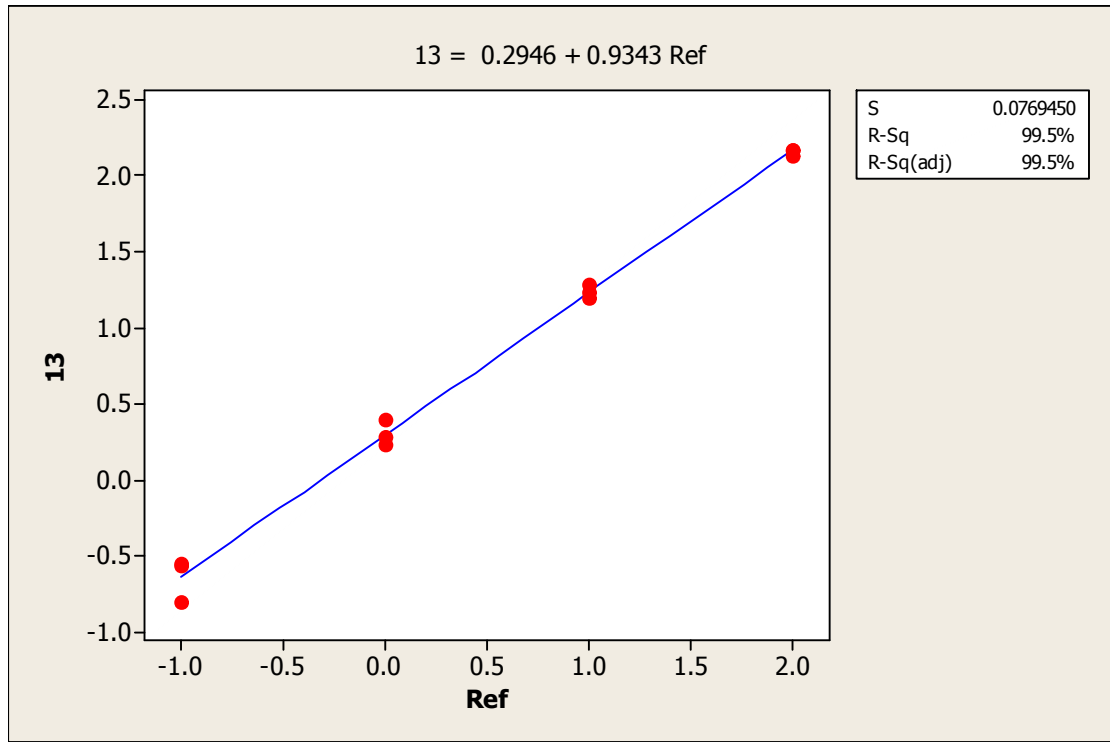


b2a2 / ABL Extracted

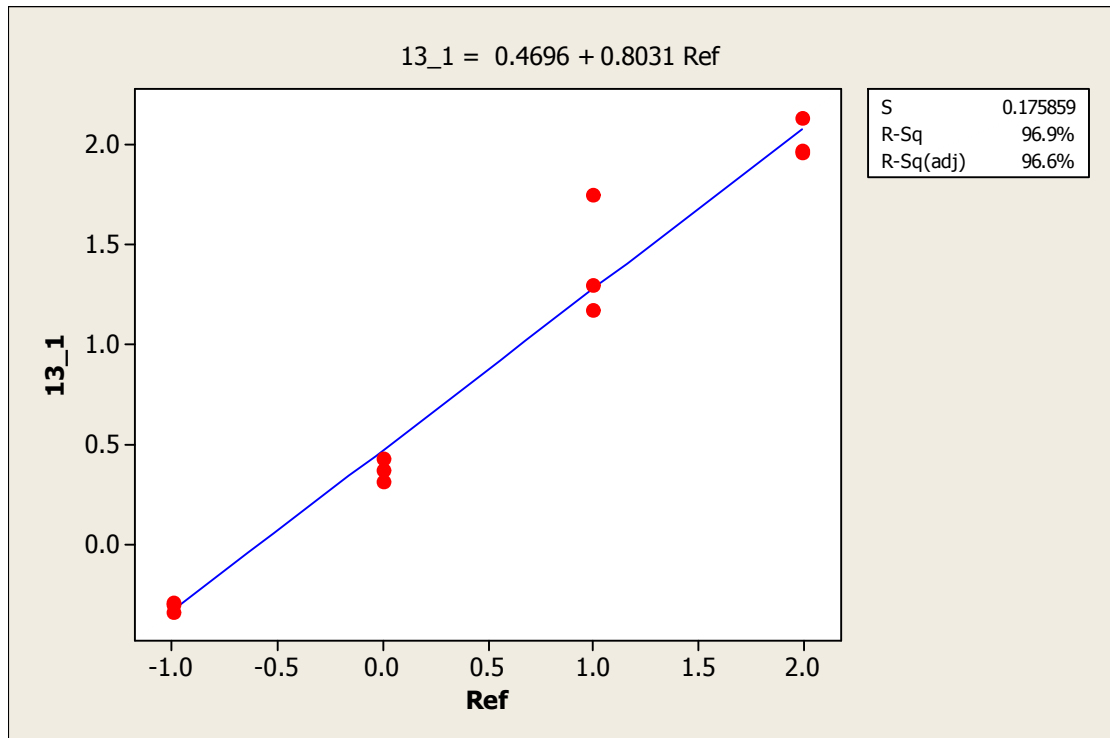


Lab 13

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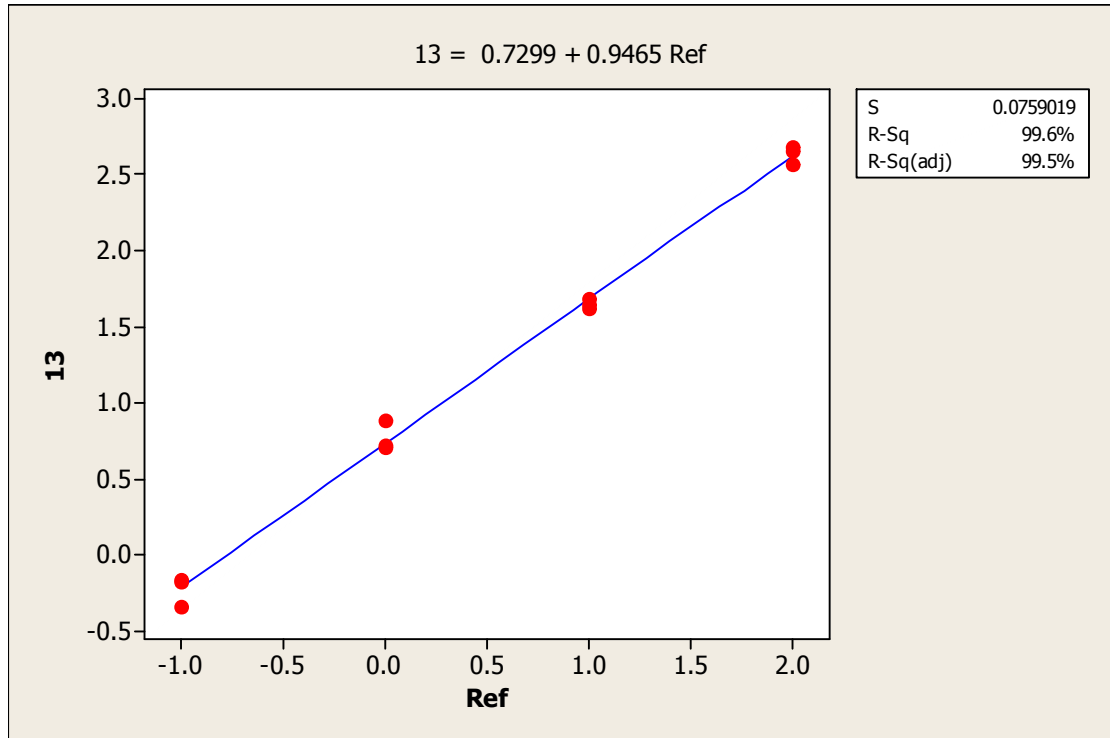


b2a2 / BCR Extracted

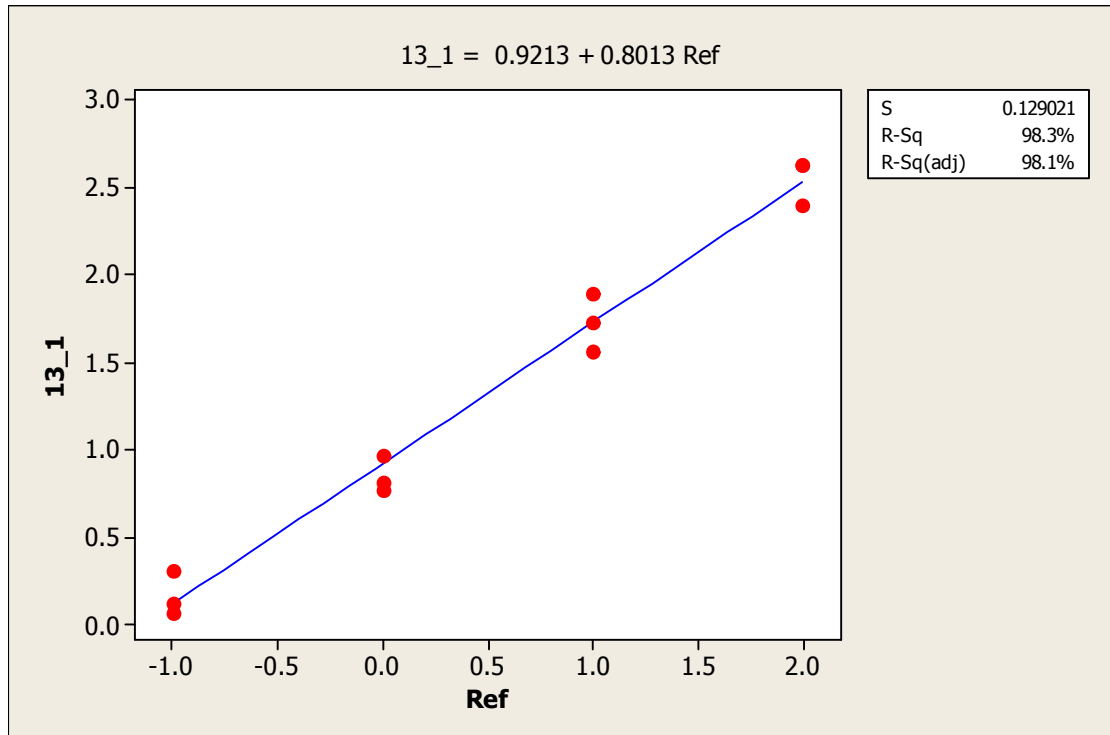


Lab 13

b2a2 / GUS Unextracted

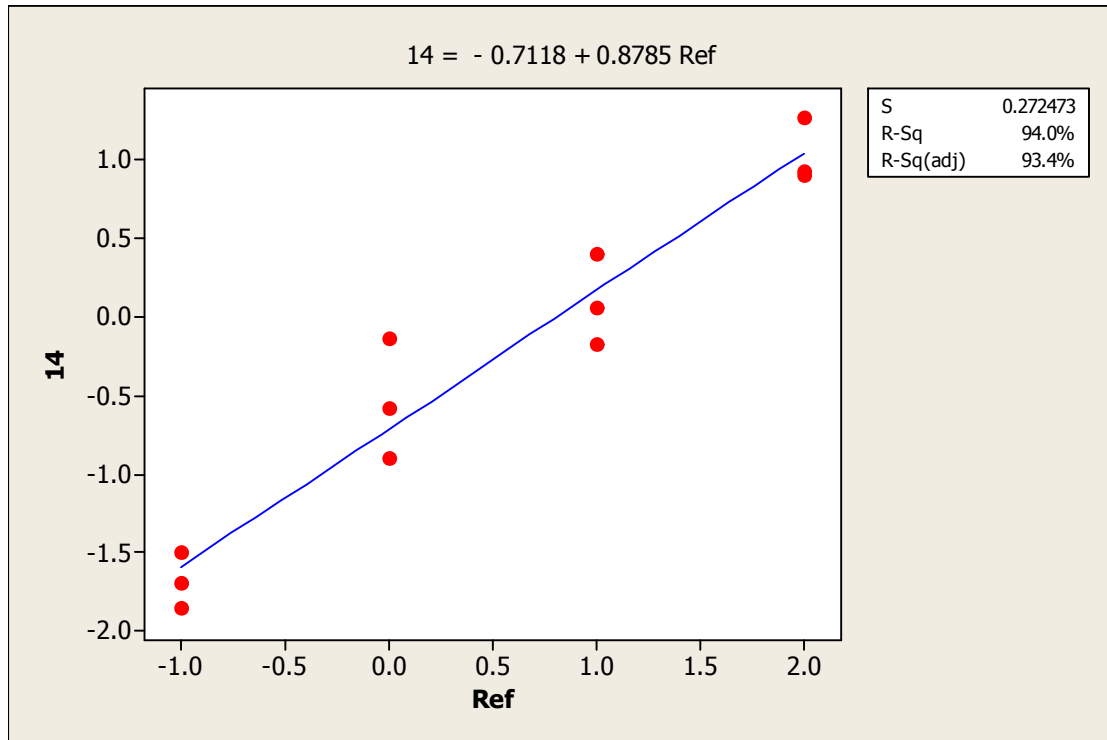


b2a2 / GUS Extracted

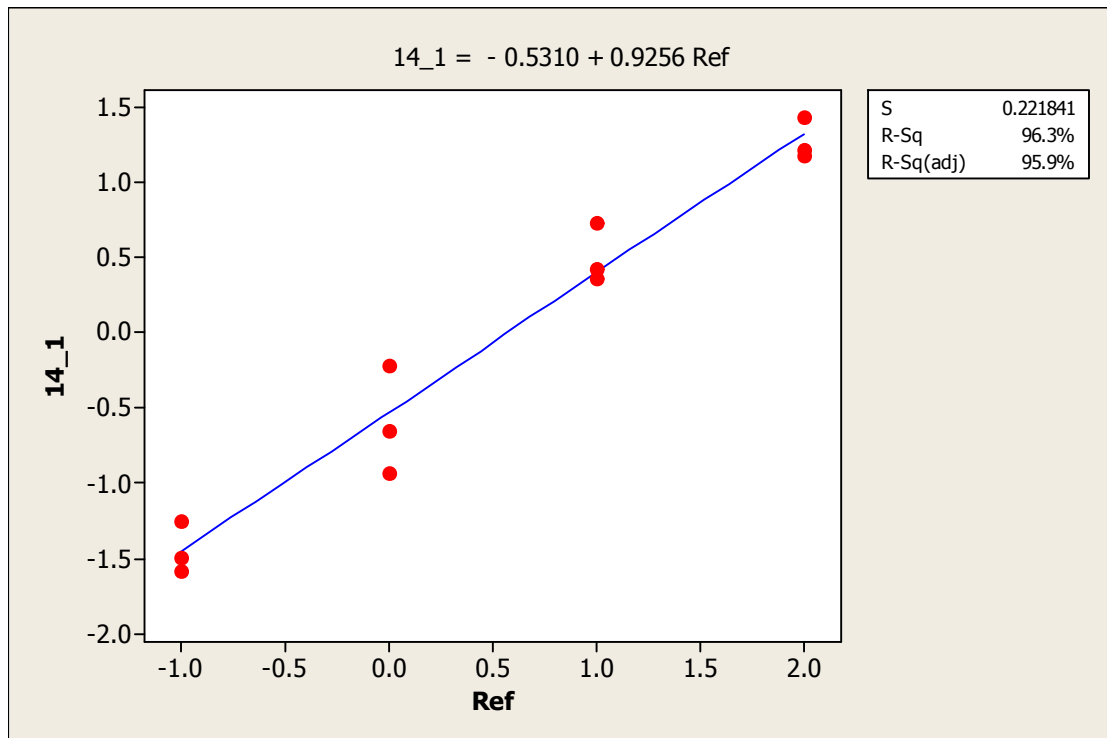


Lab 14

b2a2 / ABL Unextracted

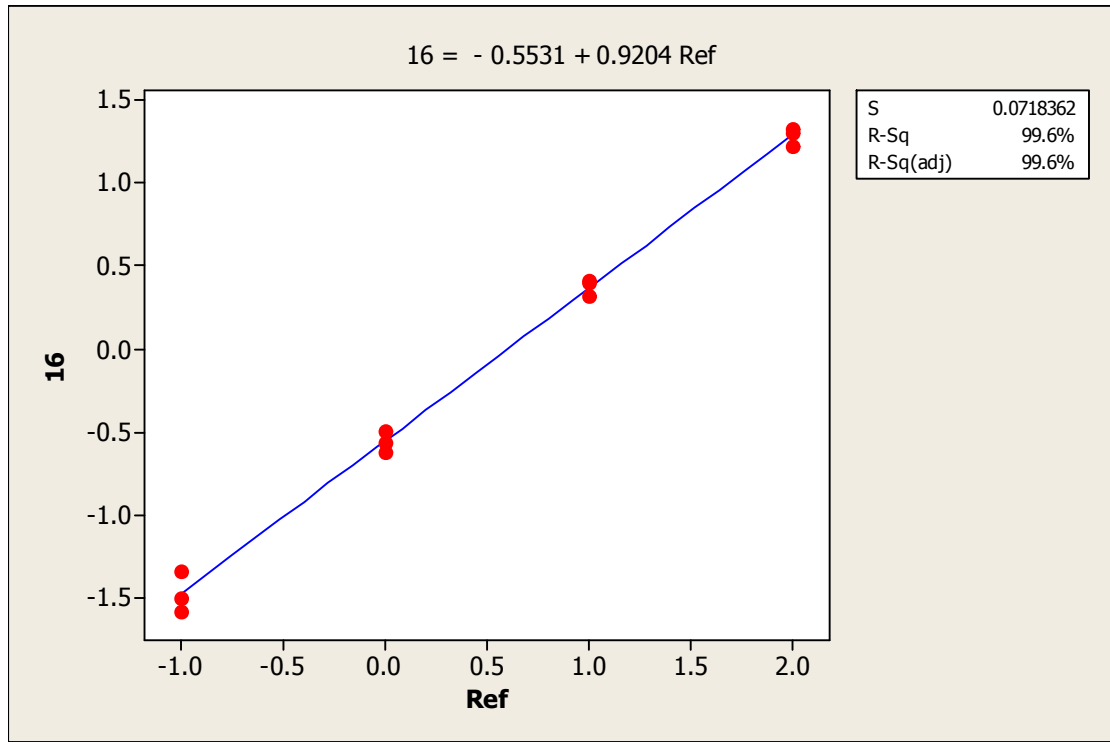


b2a2 / ABL Extracted

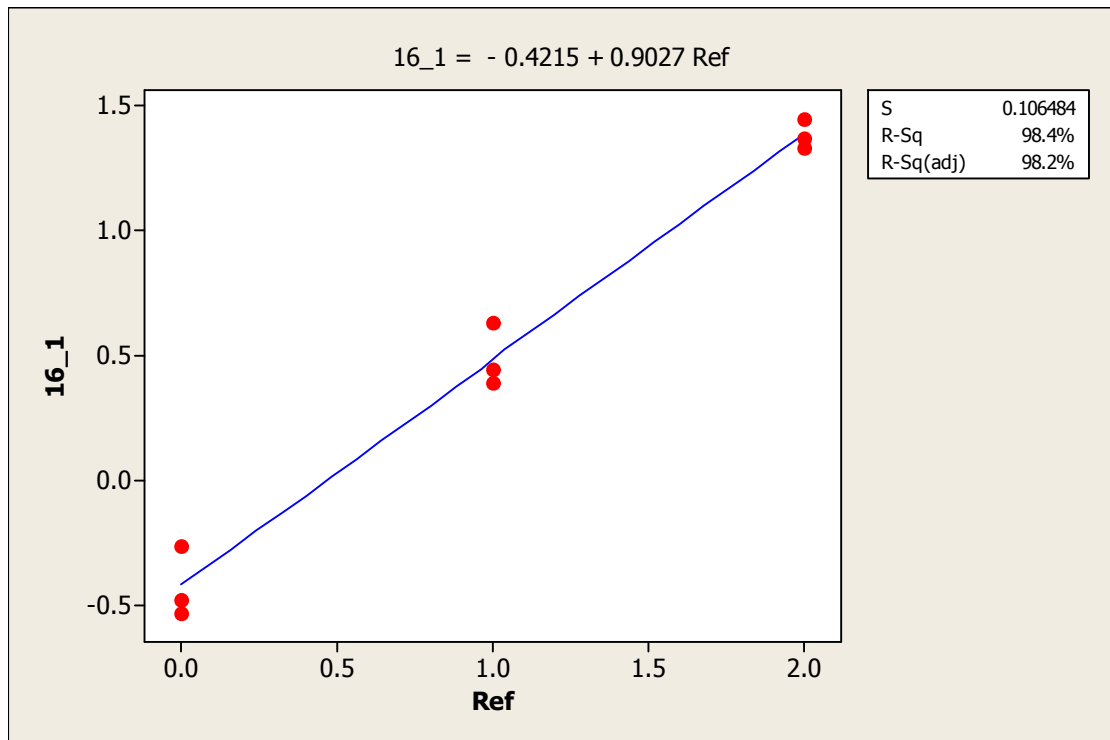


Lab 16

b2a2 / ABL Unextracted

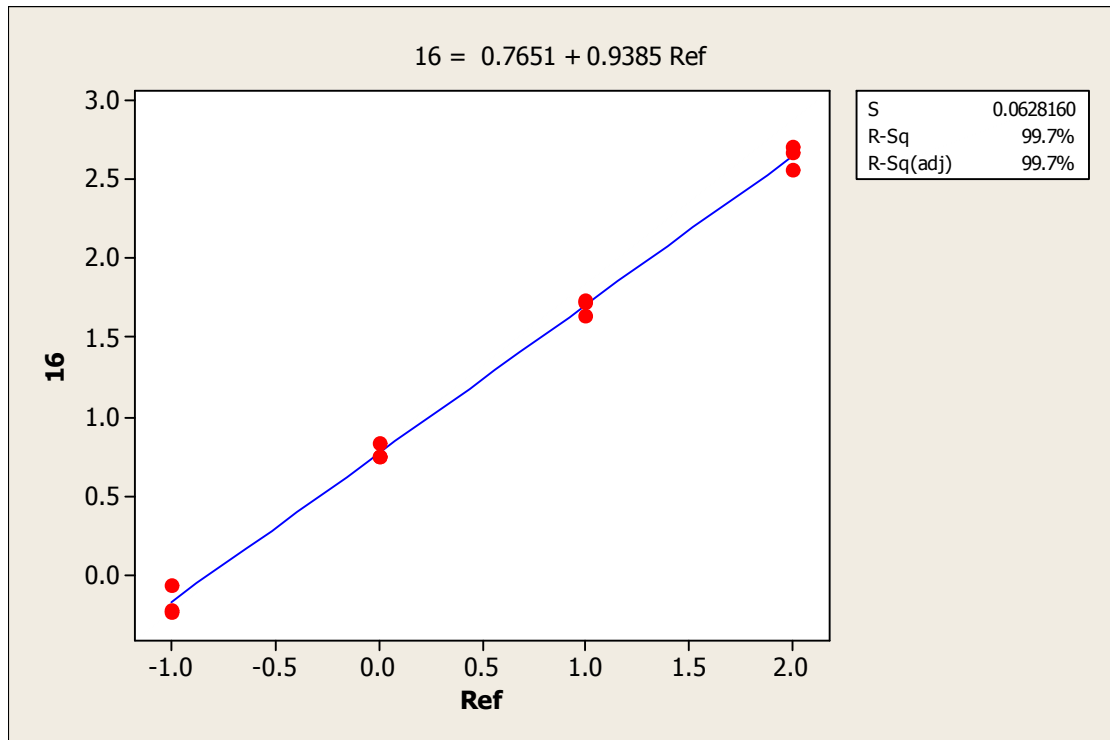


b2a2 / ABL Extracted

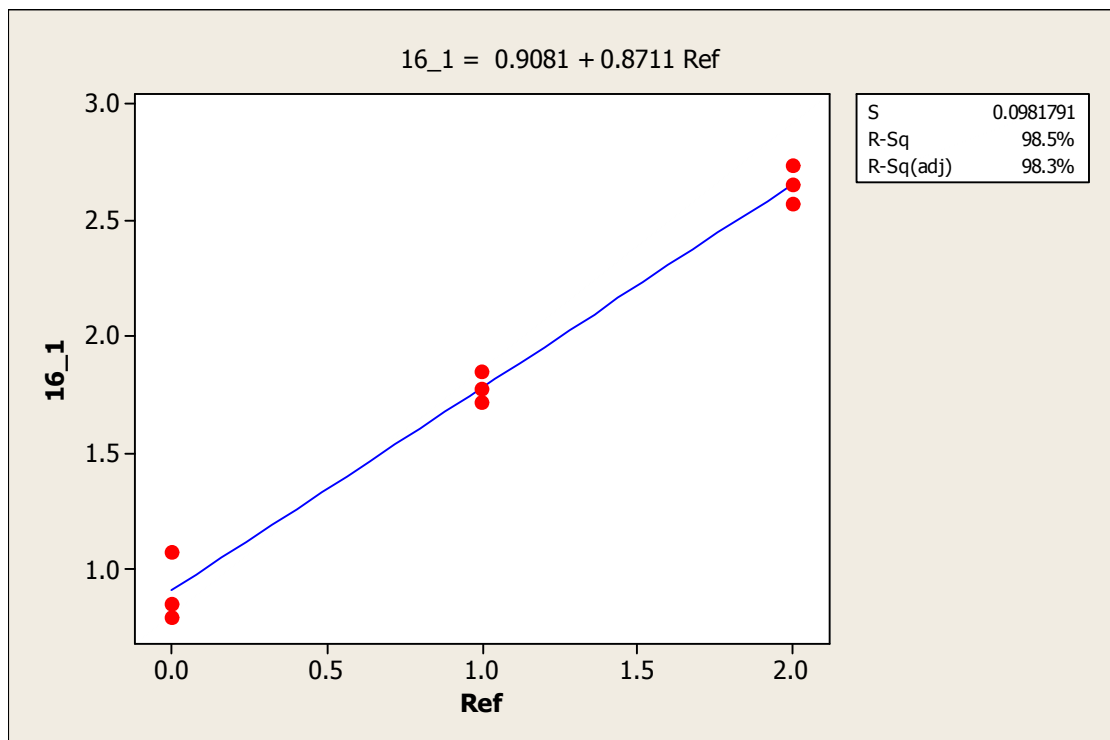


Lab 16

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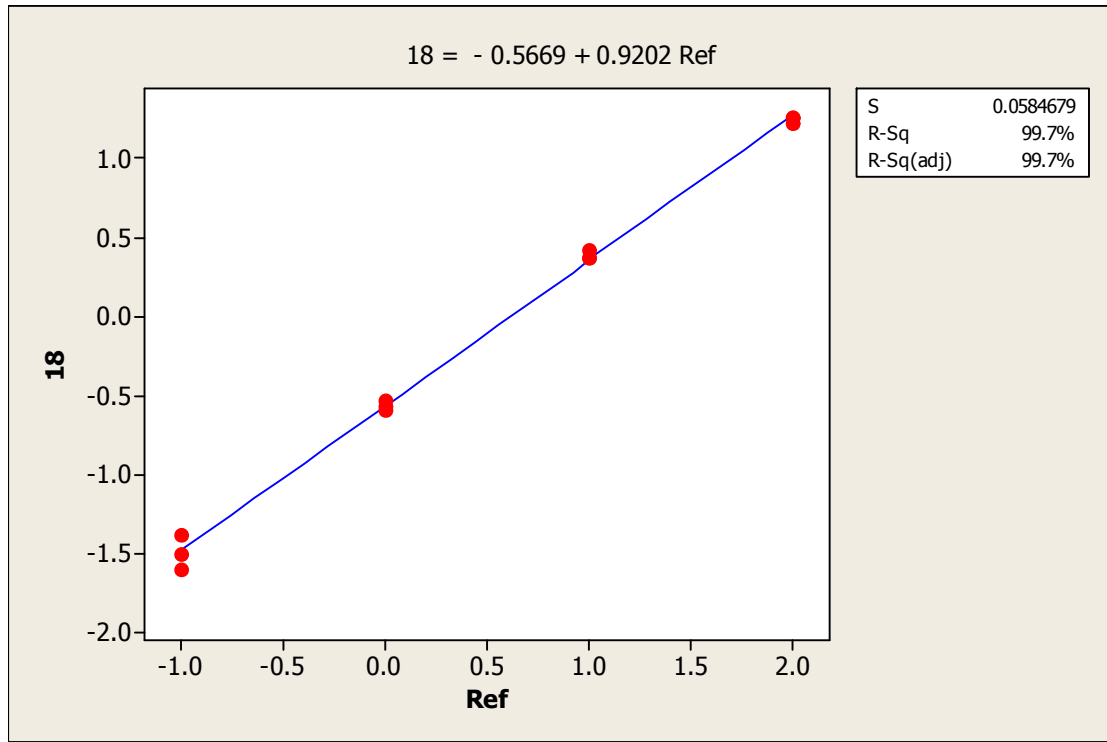


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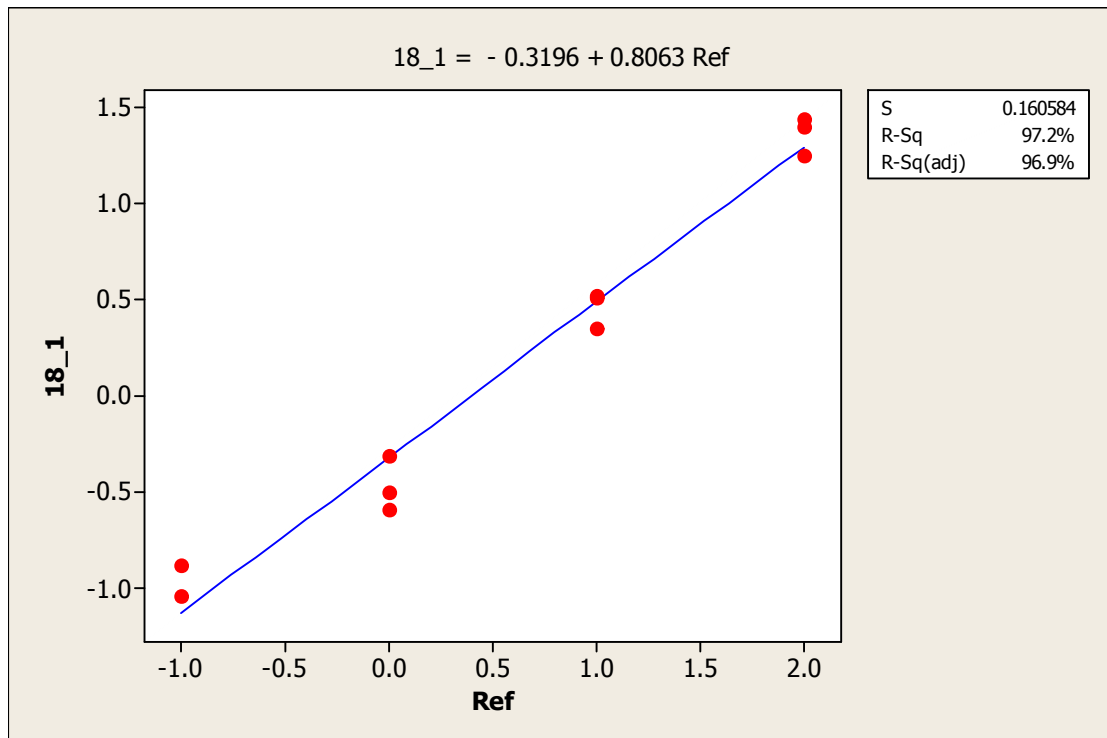


Lab 18

b2a2 / ABL Unextracted

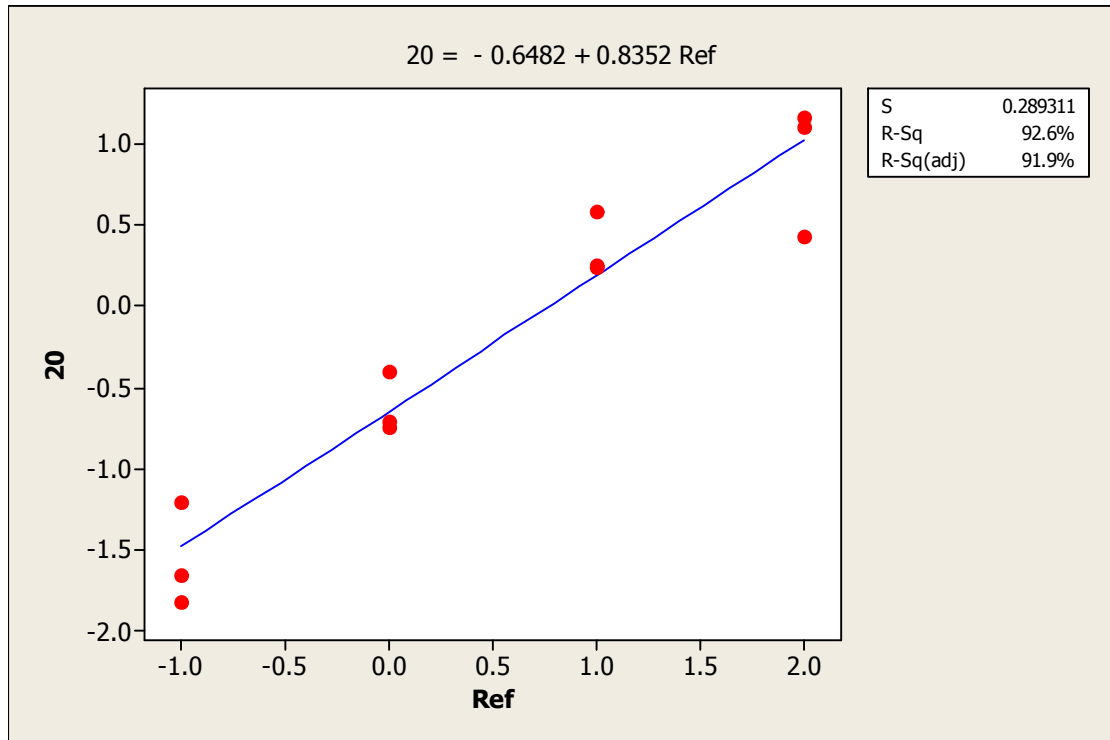


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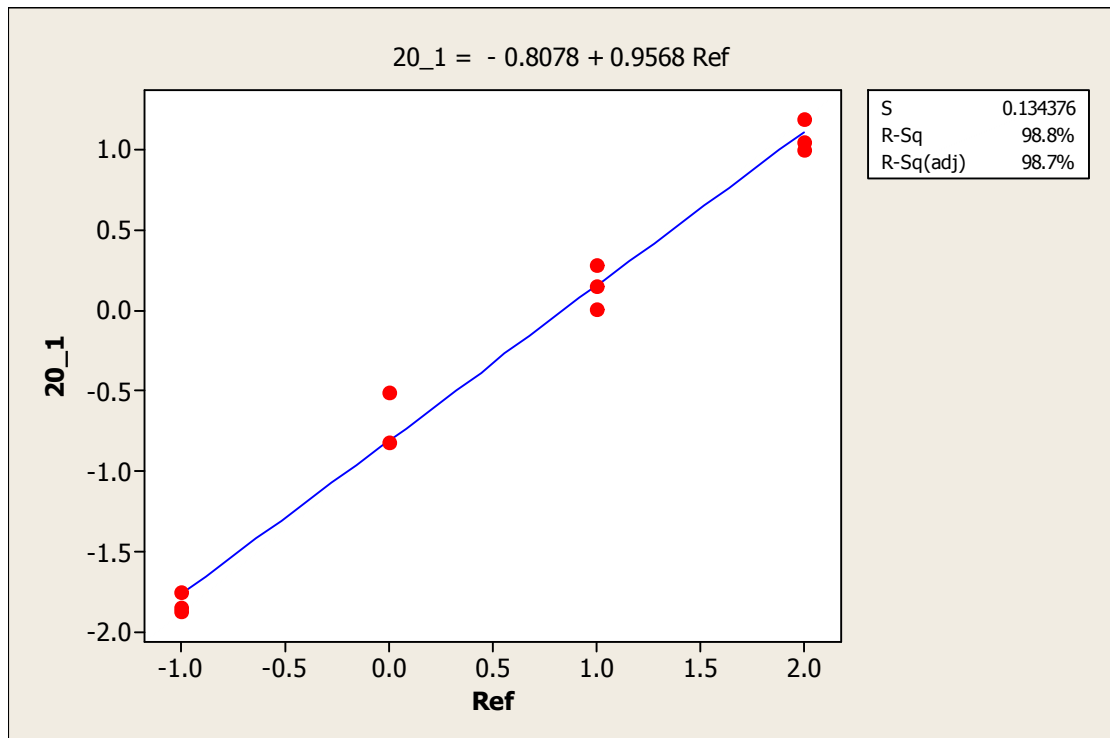


Lab 20

b2a2 / ABL Unextracted

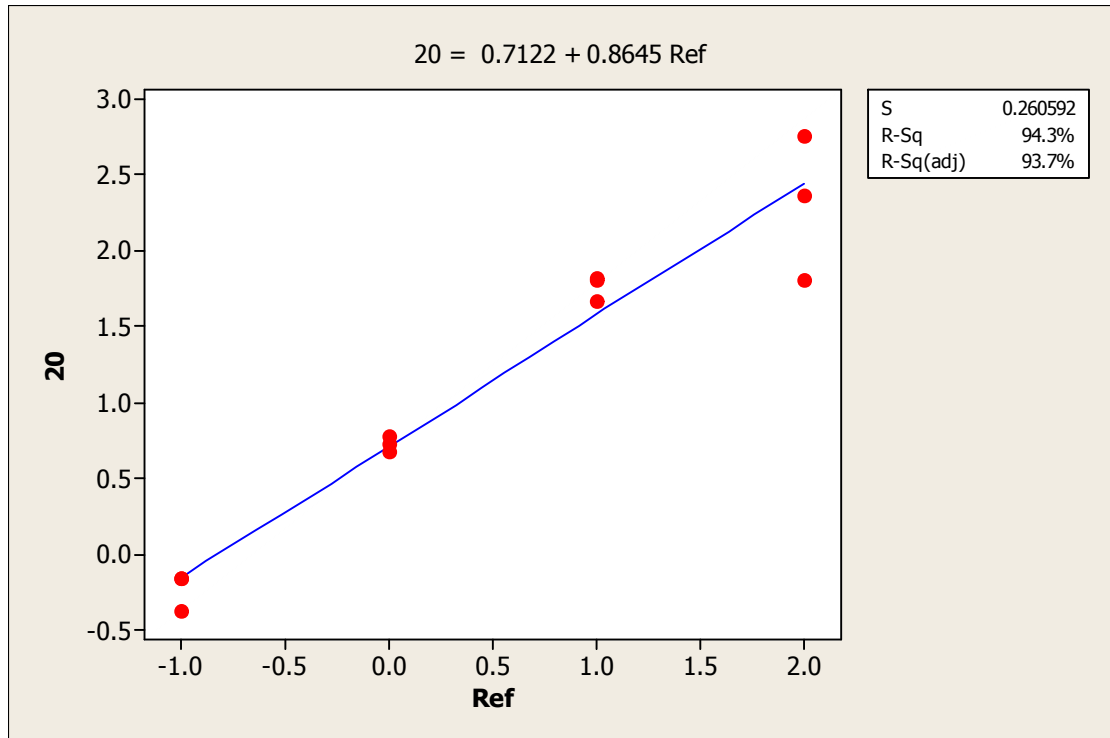


b2a2 / ABL Extracted

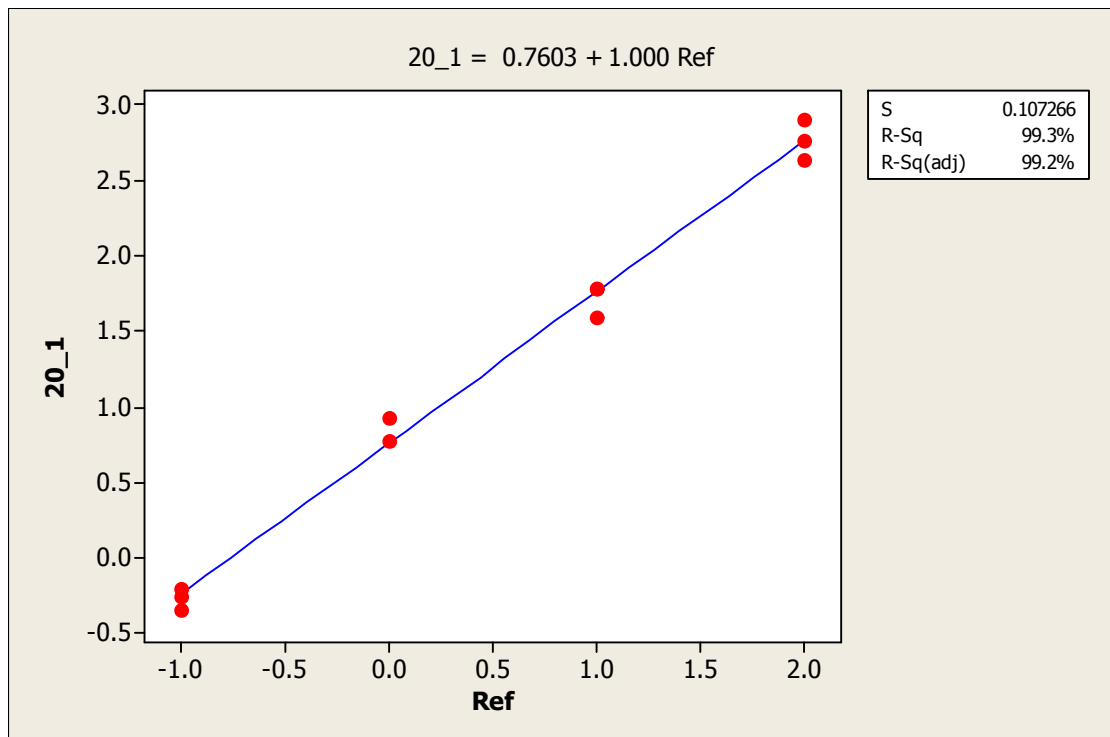


Lab 20

b2a2 / GUS Unextracted

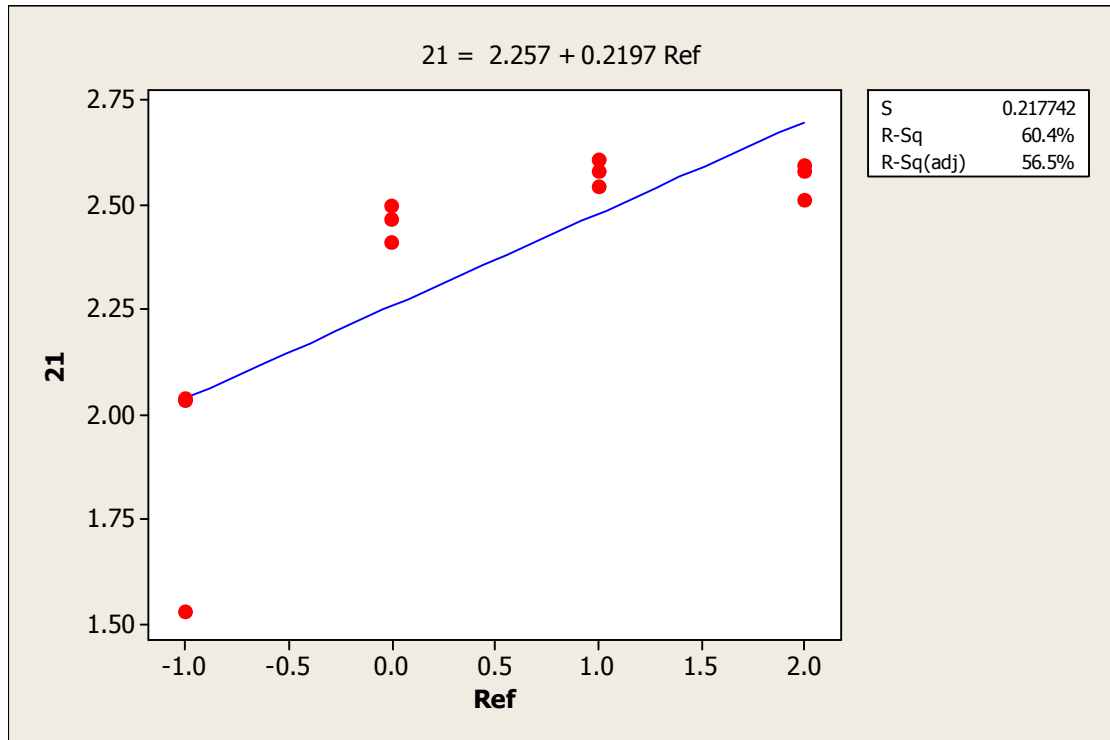


b2a2 / GUS Extracted



Lab 21

b2a2 / ABL Unextracted

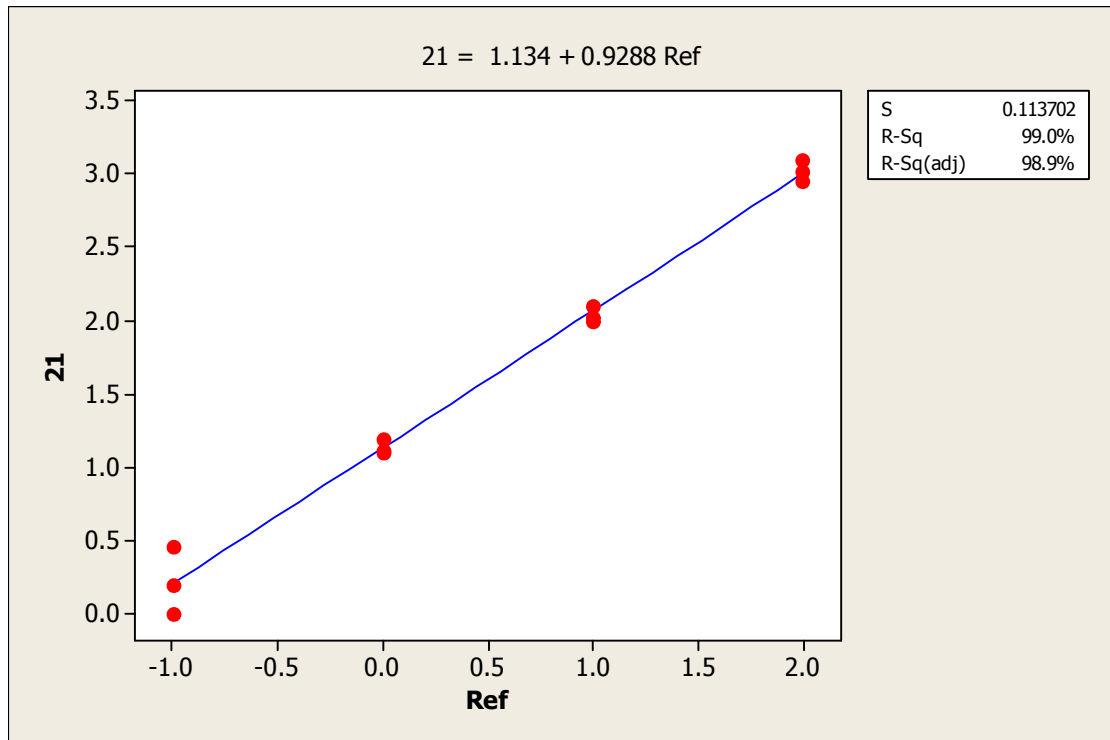


b2a2 / ABL Extracted

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

Lab 21

b2a2 / BCR Unextracted

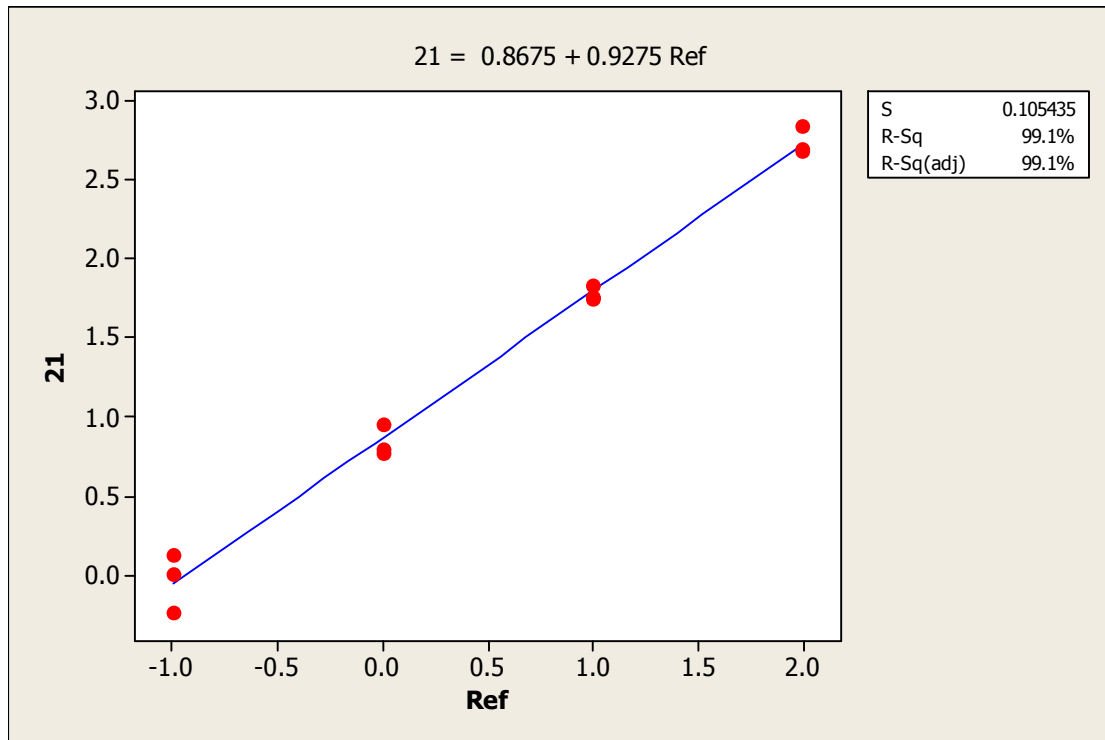


b2a2 / BCR Extracted

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

Lab 21

b2a2 / GUS Unextracted

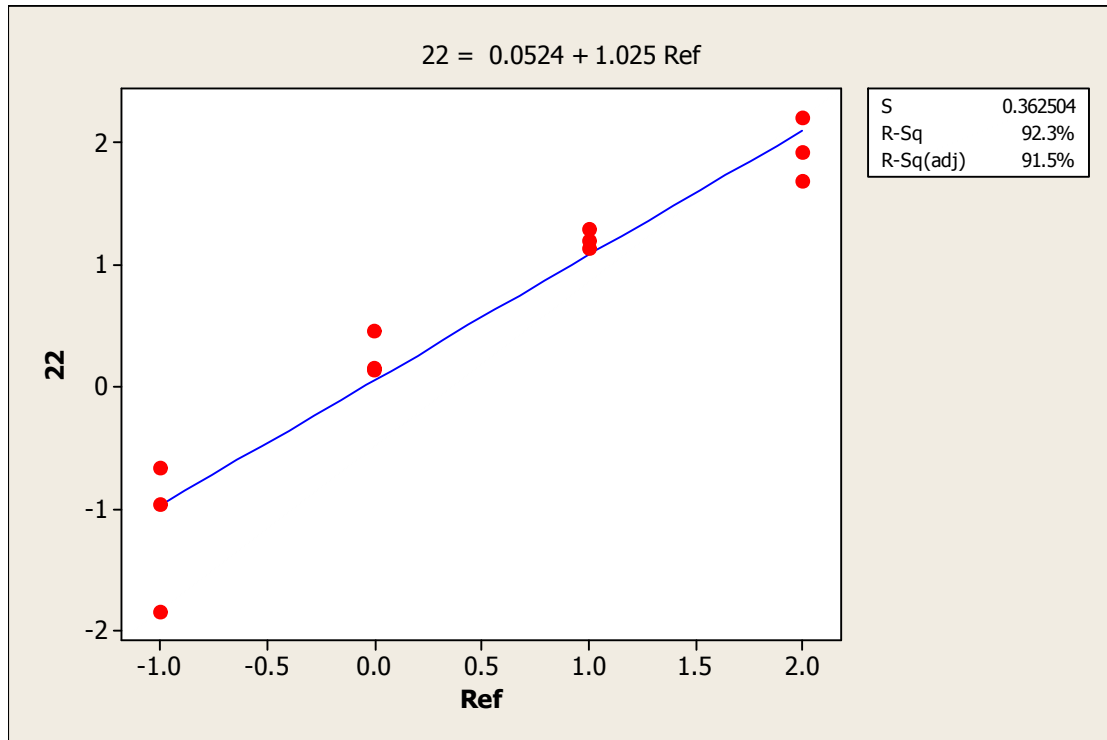


b2a2 / GUS Extracted

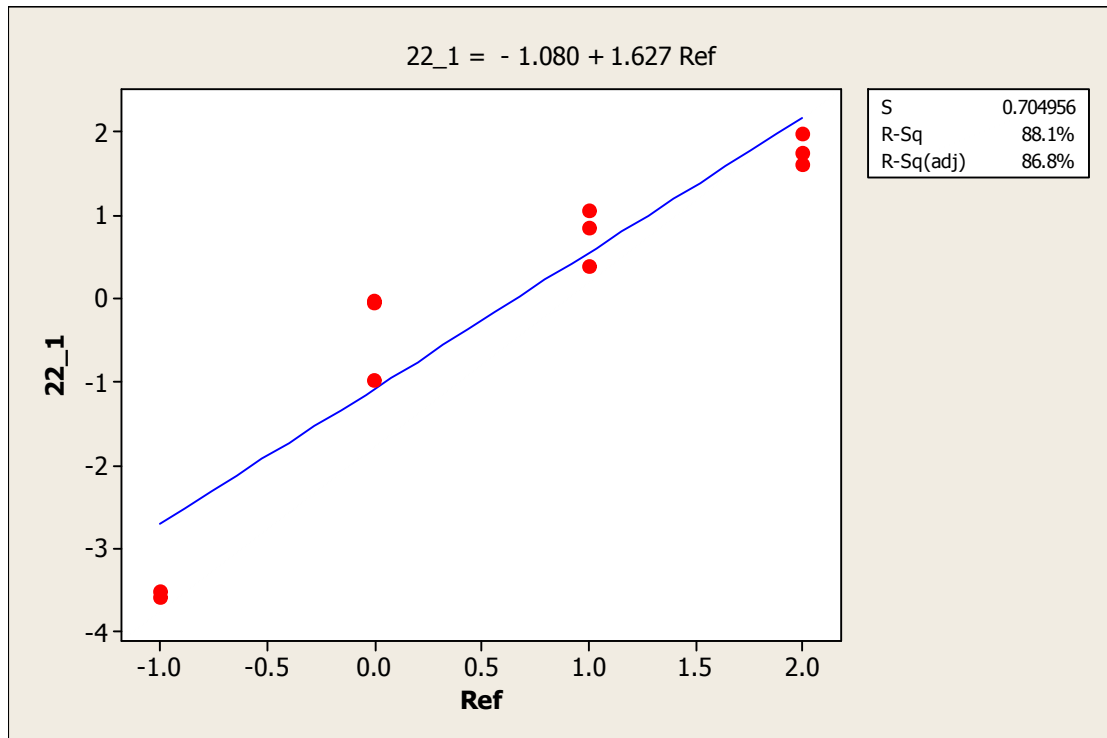
**** Insufficient data points available ****

Lab 22

b2a2 / ABL Unextracted

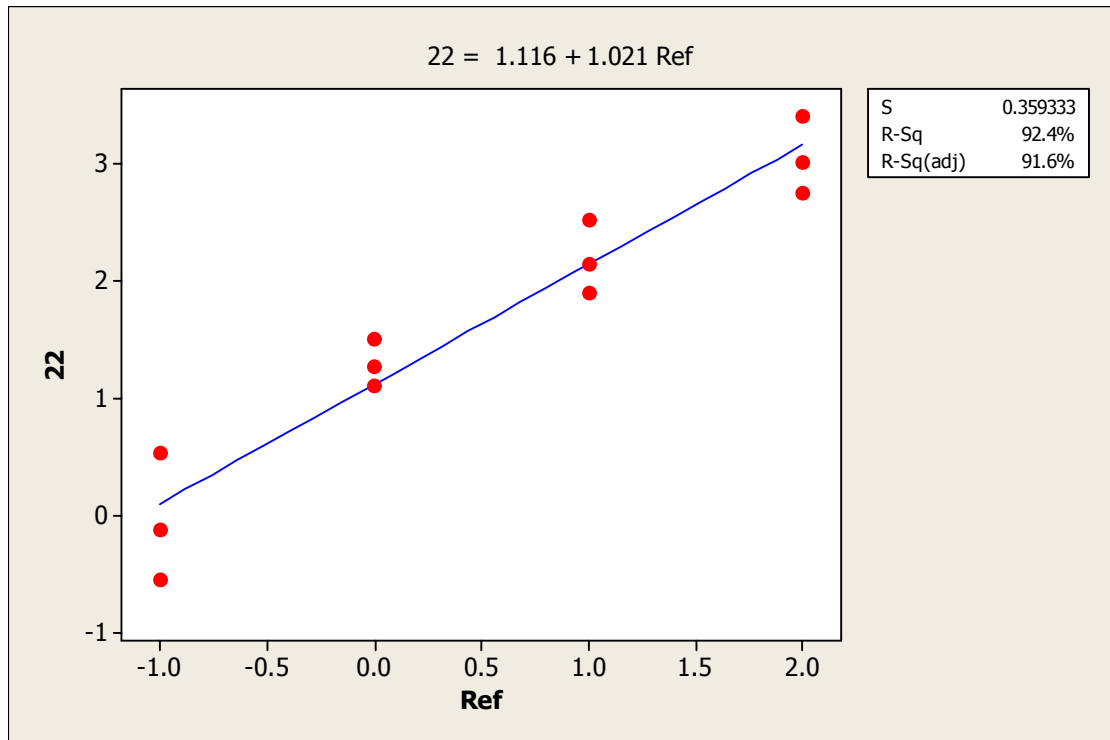


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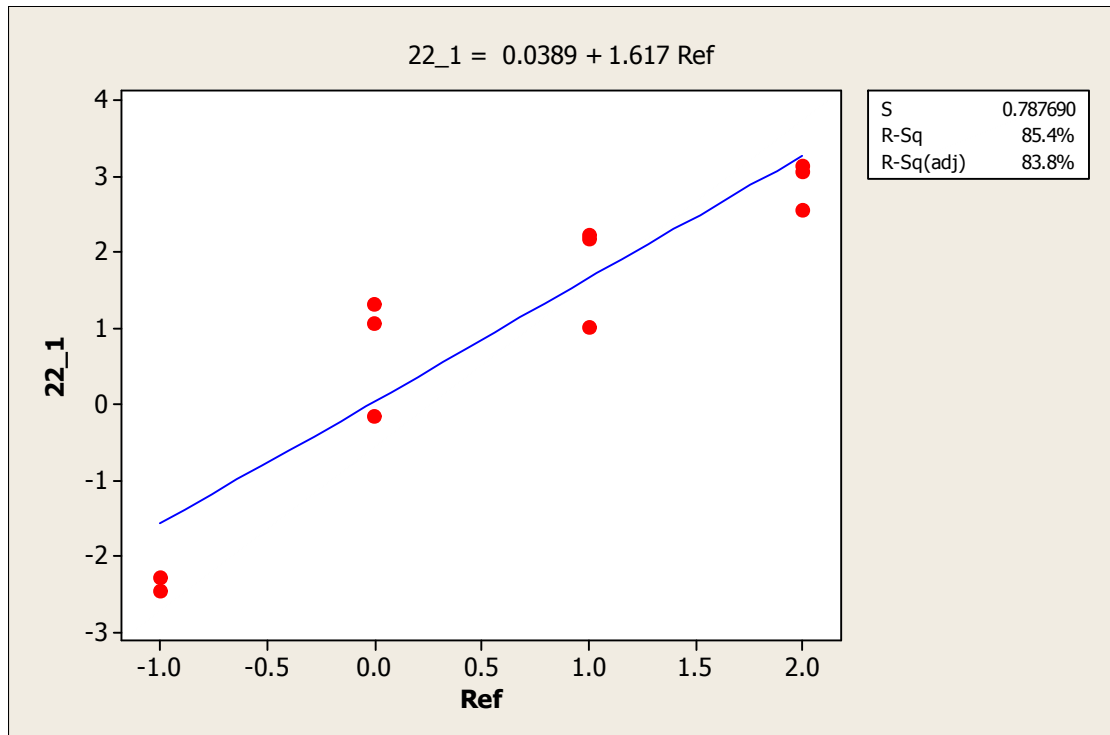


Lab 22

b2a2 / GUS Unextracted

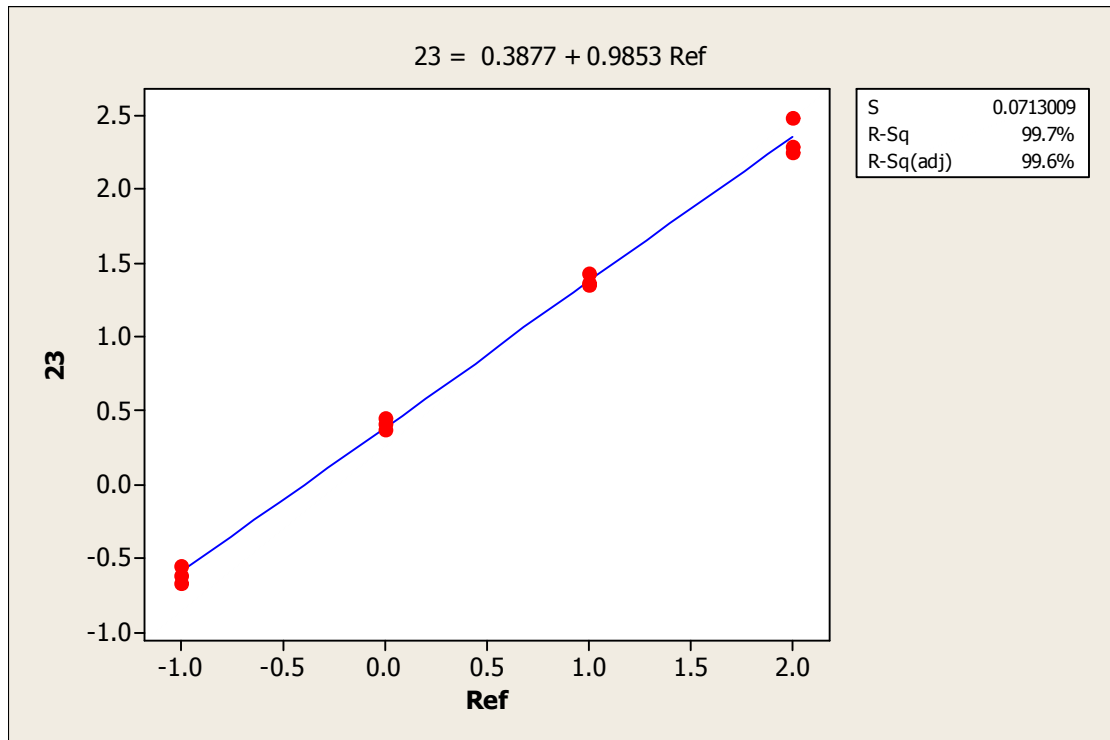


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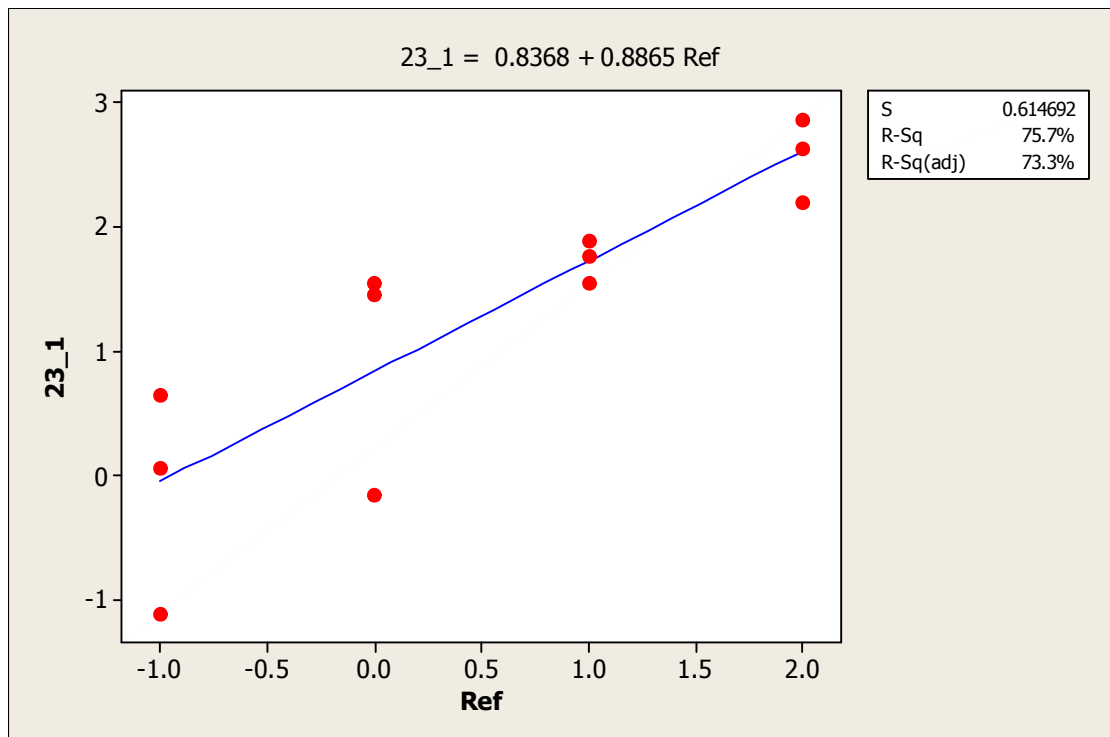


Lab 23

b2a2 / GUS Unextracted

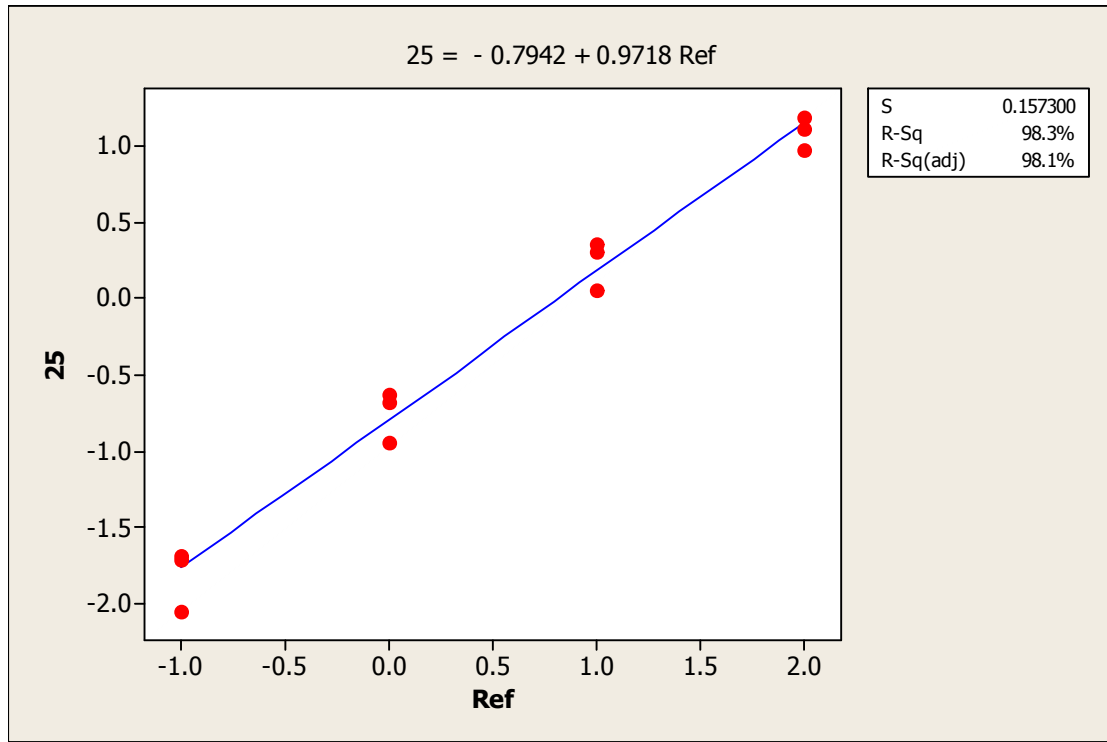


b2a2 / GUS Extracted

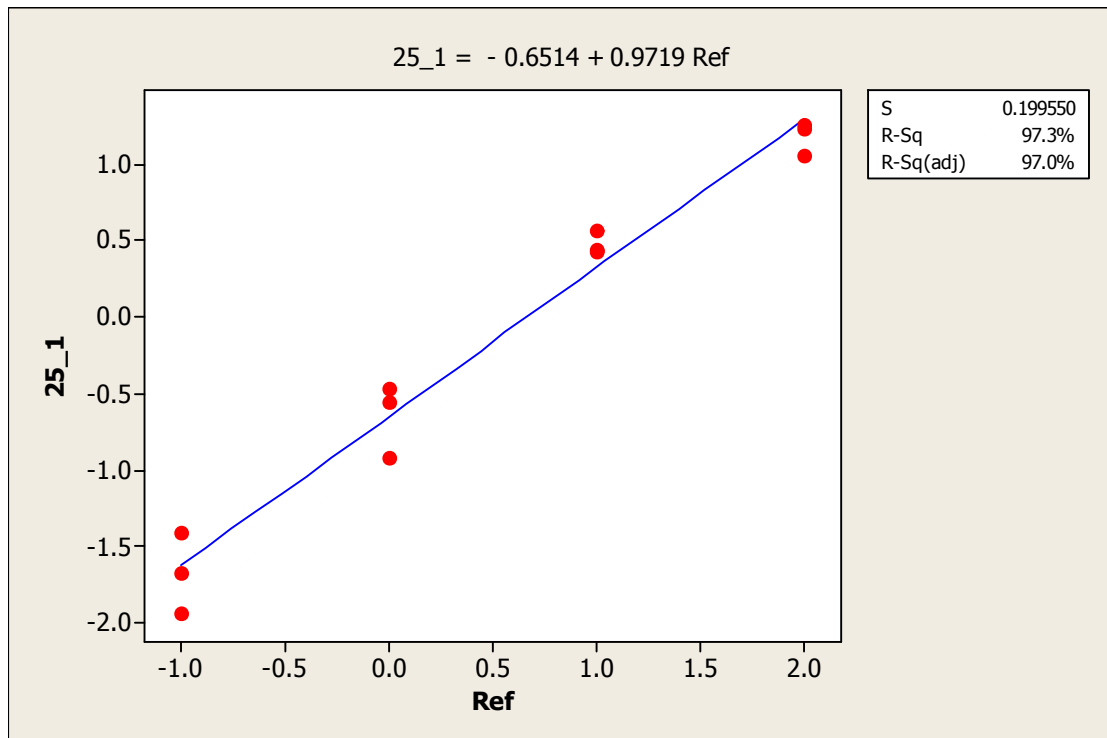


Lab 25

b2a2 / ABL Unextracted

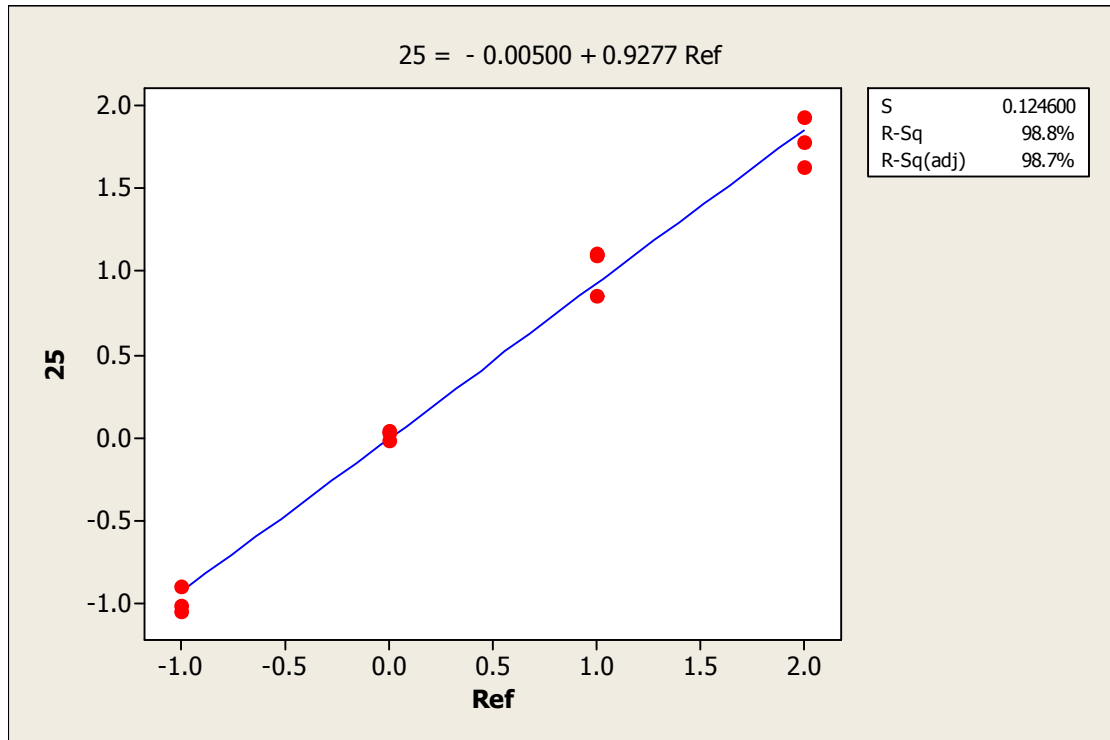


b2a2 / ABL Extracted

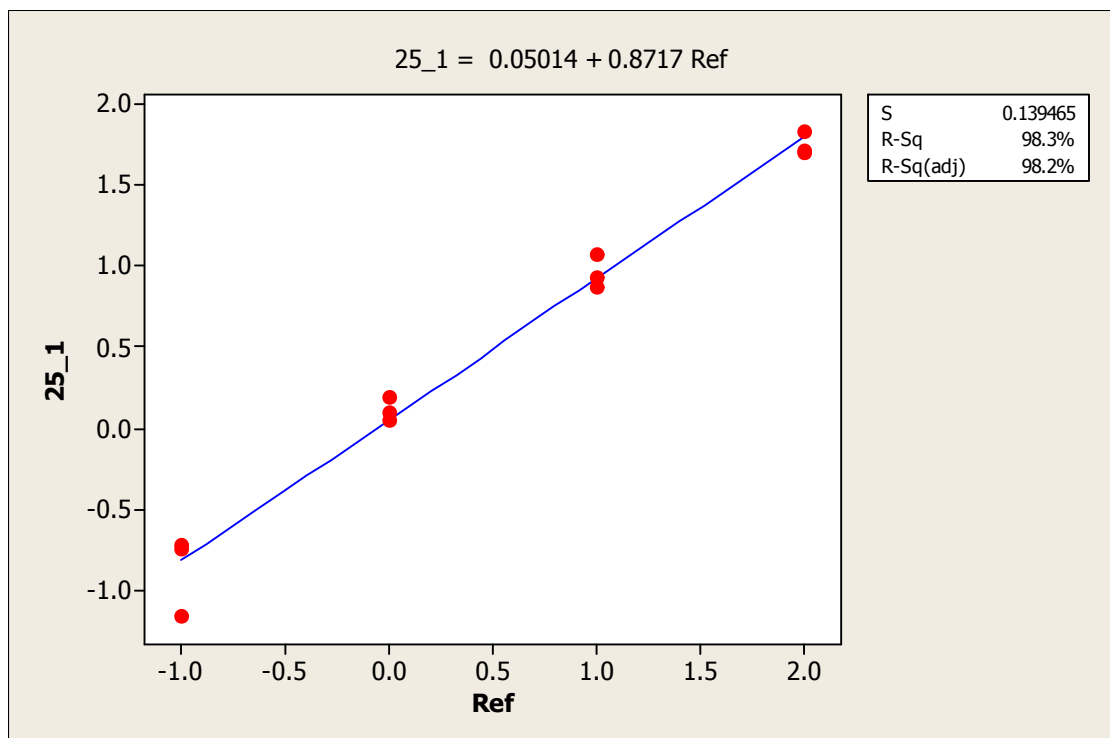


Lab 25

b2a2 / BCR Unextracted

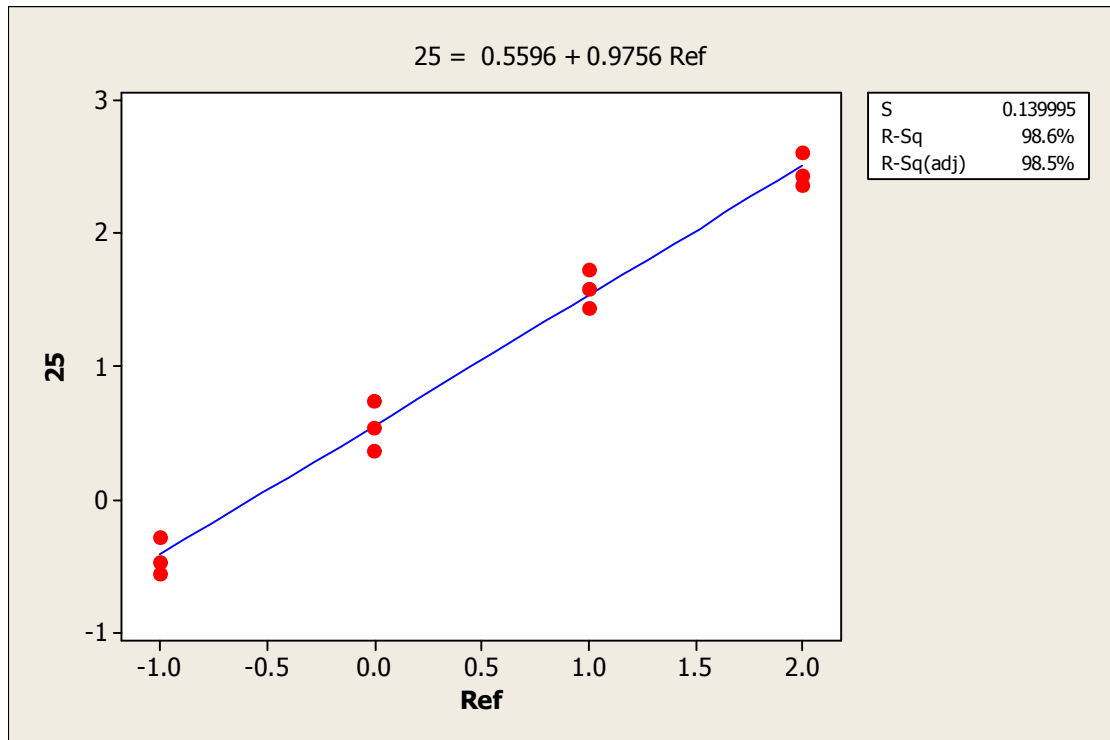


b2a2 / BCR Extracted

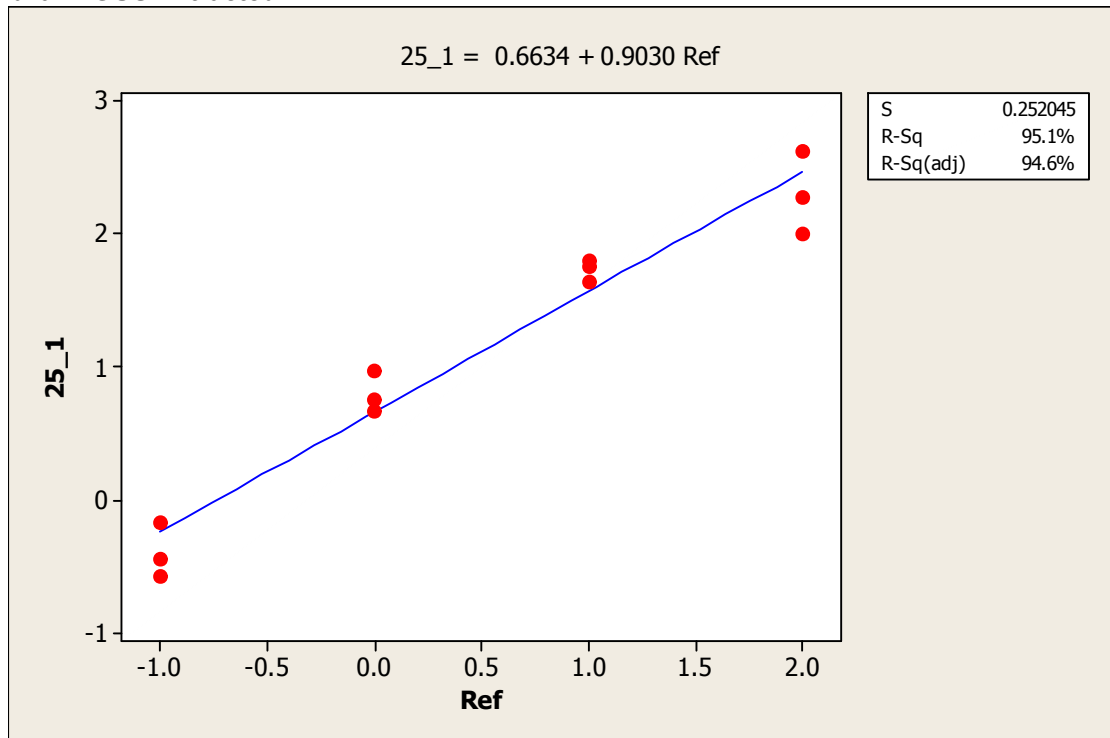


Lab 25

b2a2 / GUS Unextracted

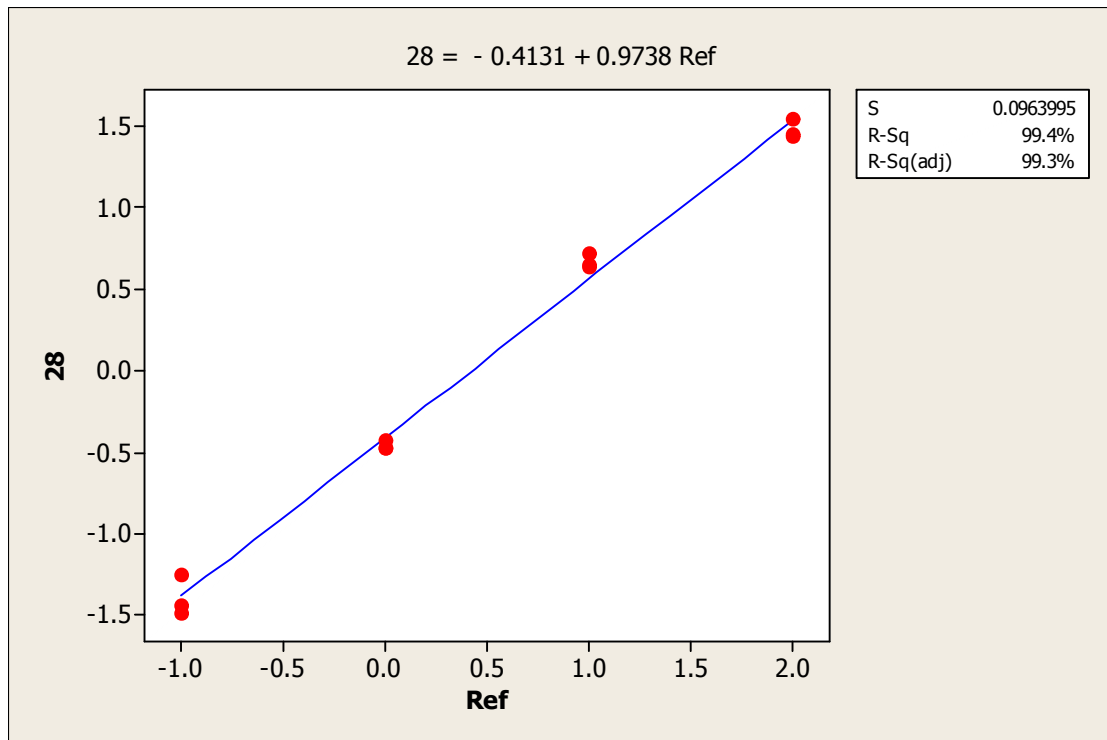


b2a2 / GUS Extracted

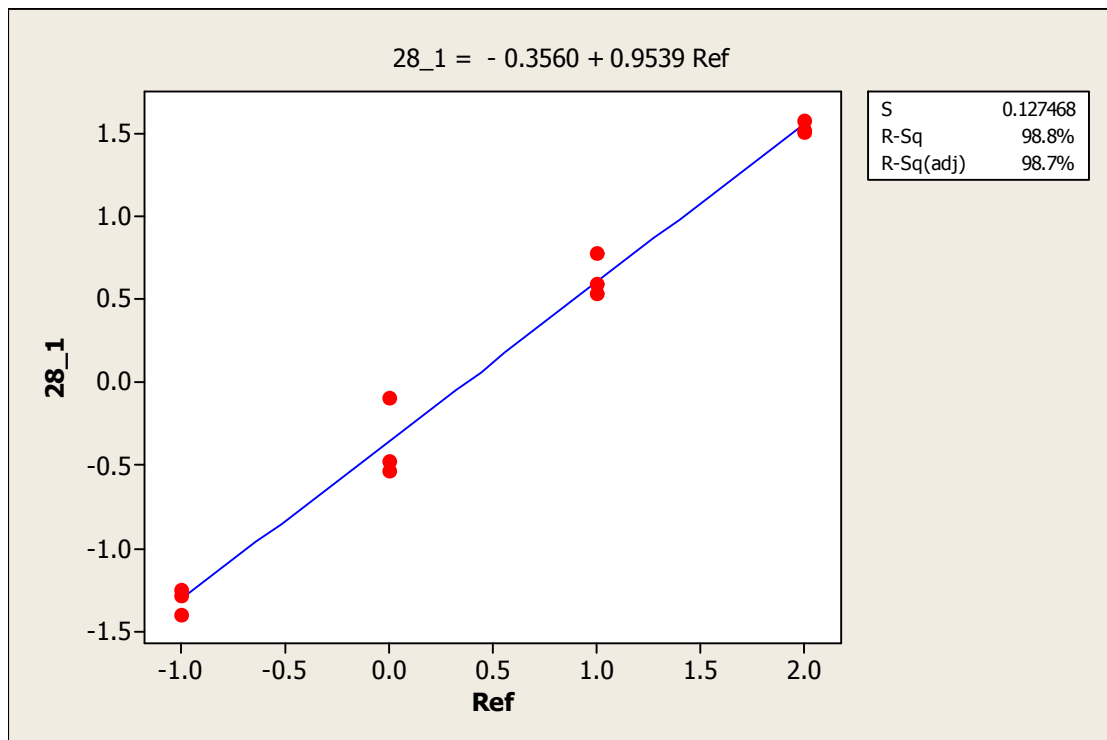


Lab 28

b2a2 / ABL Unextracted

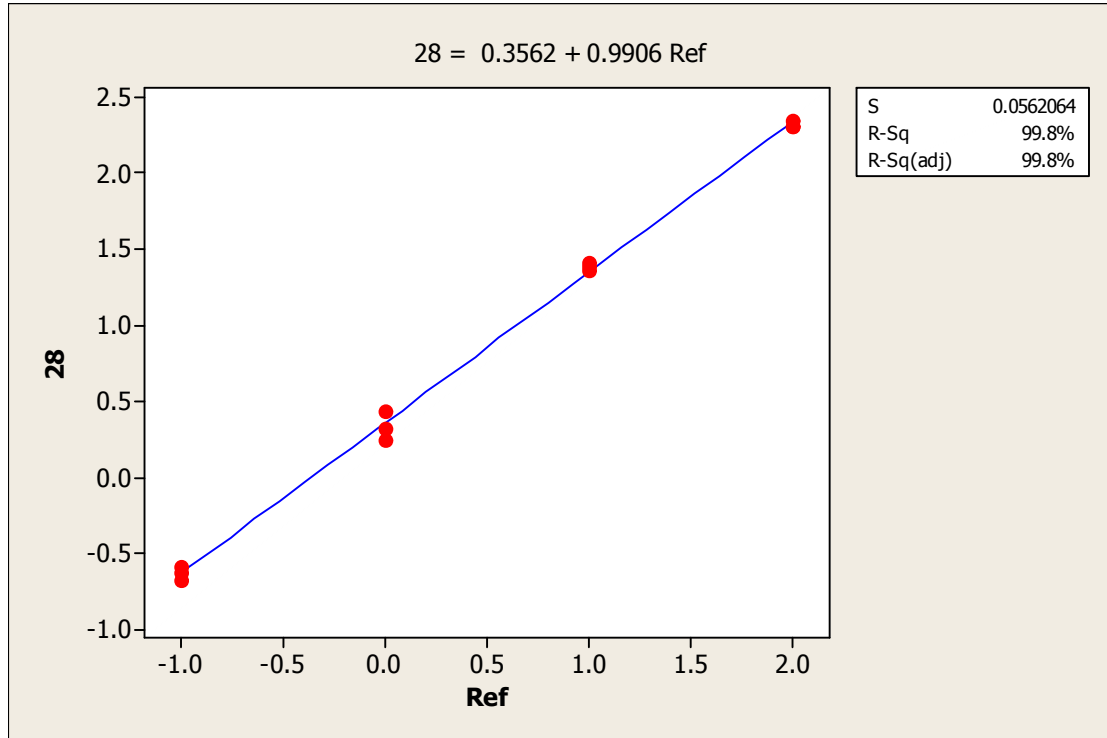


b2a2 / ABL Extracted

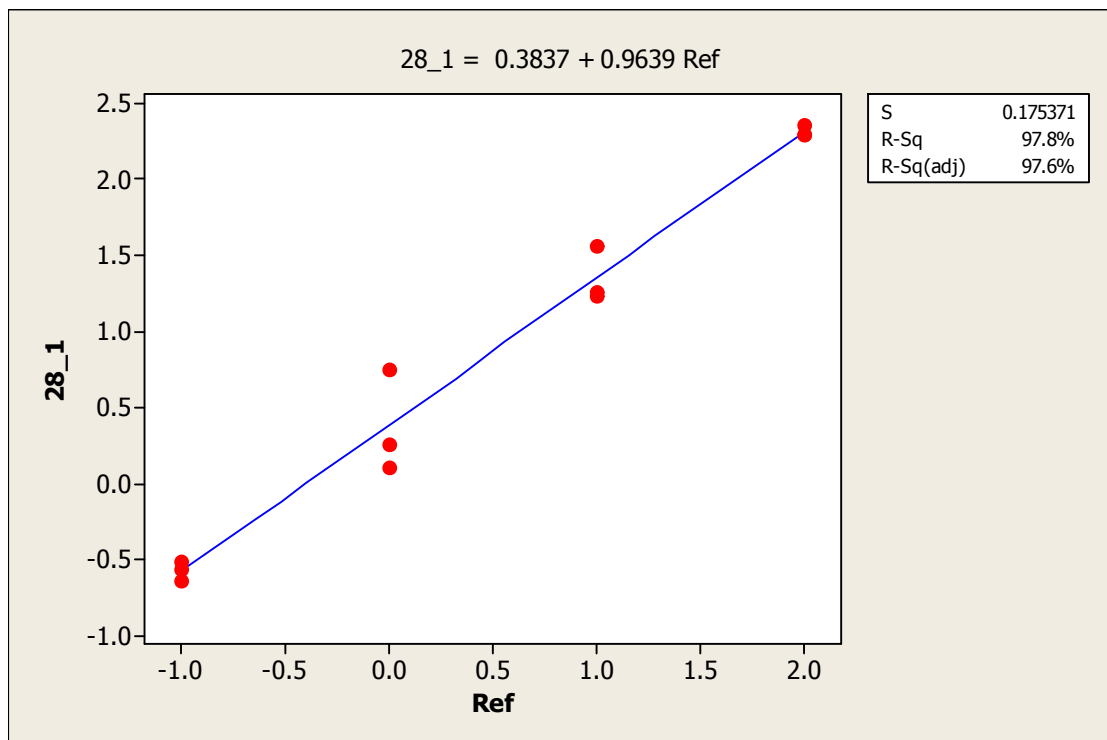


Lab 28

b2a2 / BCR Unextracted

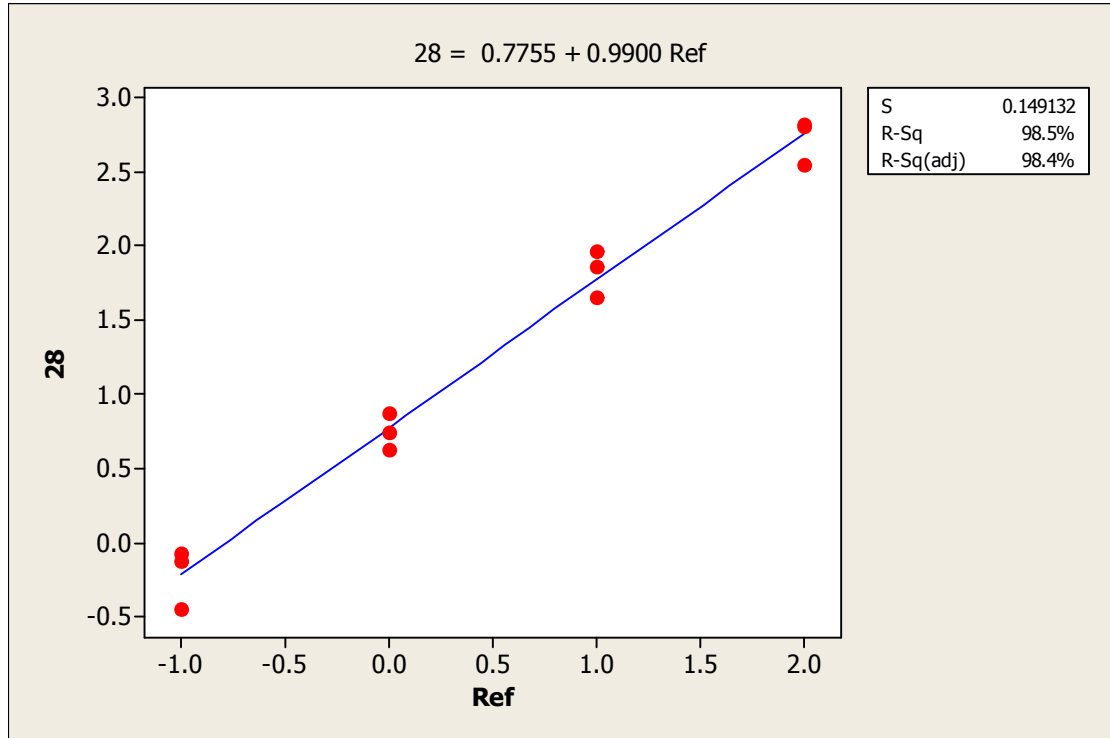


b2a2 / BCR Extracted

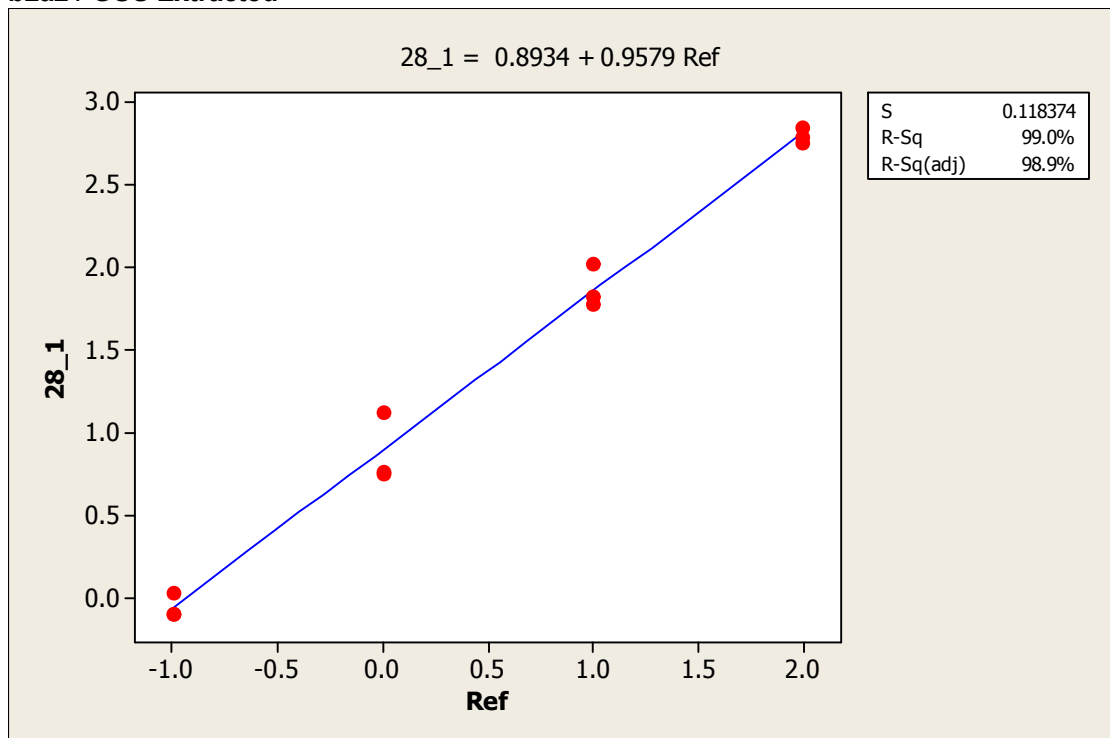


Lab 28

b2a2 / GUS Unextracted

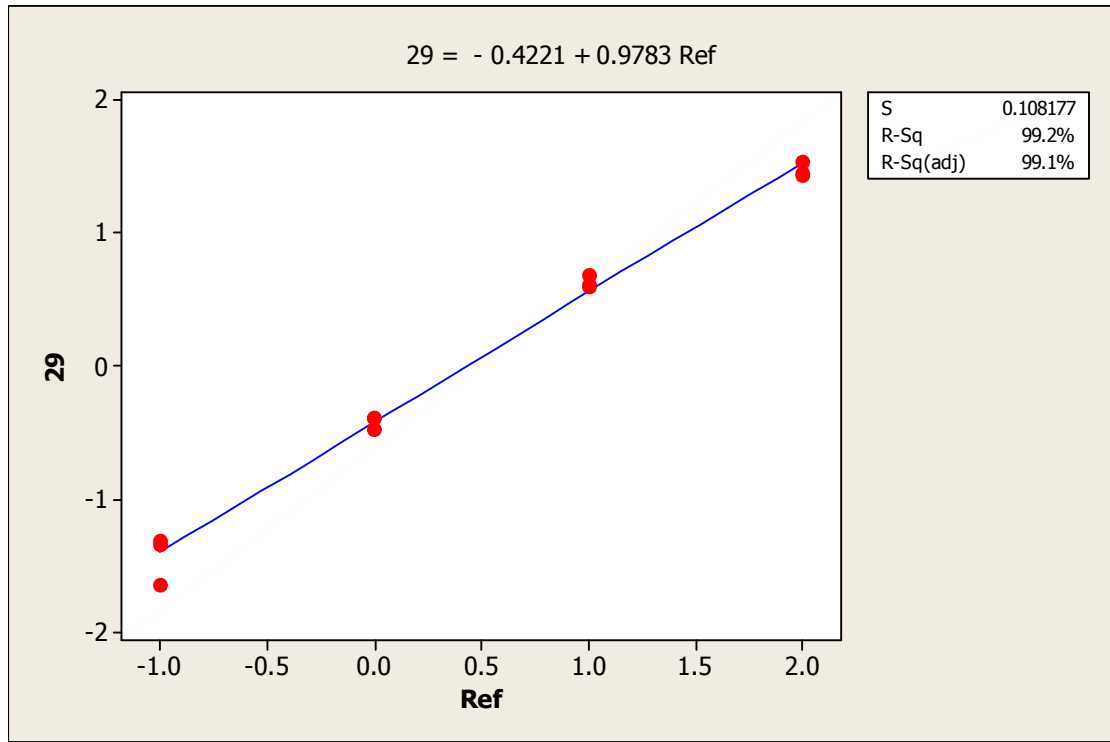


b2a2 / GUS Extracted

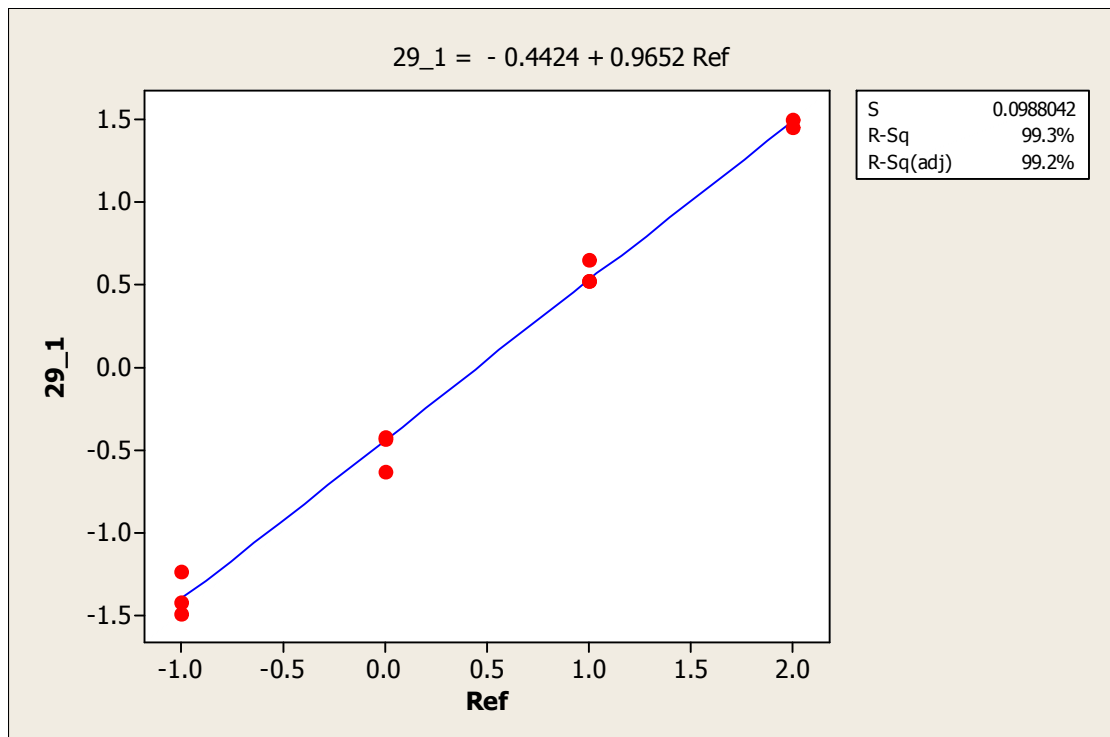


Lab 29

b2a2 / ABL Unextracted

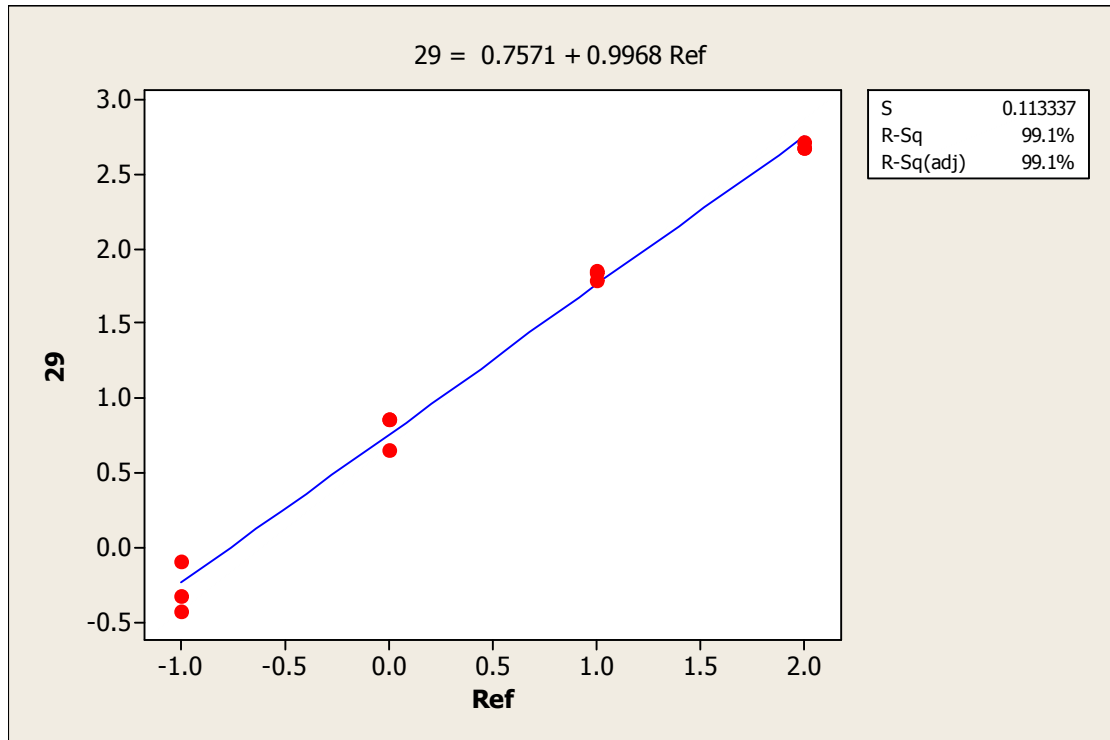


b2a2 / ABL Extracted



Lab 29

b2a2 / GUS Unextracted



b2a2 / GUS Extracted

