

Linearity report b

Data Files:	Date:	Time:
Linearity.jmp	Friday, October 25, 2024	10:50:14

Data Integrity

Study	
descriptives	Note
Analyst	a
Analytical method	b
Instrument	c
Purpose	d
Standard Expiry	ef
Standard ID	f
Study date(s)	g
Unit	h

USL

	Criteria (%
Method Attribute	of tolerance)
Accuracy	20
Repeatability	60
IP	70
Upper Linearity Limit	120
Lower Linearity Limit	80

User Information

User Name: paule
Computer Name: PADC-SURFACE
Logon Server: \\PADC-SURFACE
User Domain: PADC-SURFACE
Addin version: 2410251042
JMP Version: 18.1.0

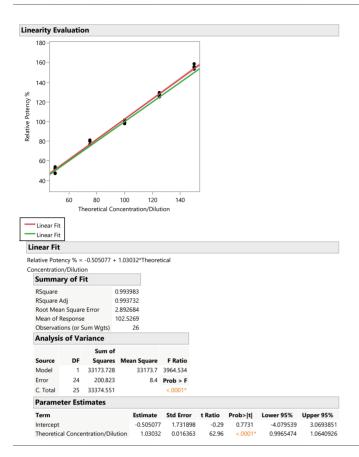
Analyst Signature/Date Reviewer Signature/Date

Linearity - Data table

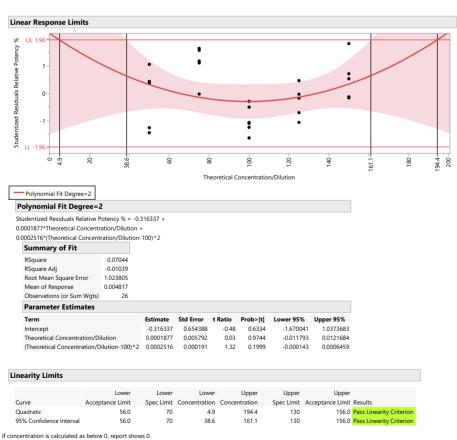
	Include/		Jackknife Distances By	Relative				Theoretical
Accuracy/Bias			Theoretical Concentration/Dilution	Potency %	Instrument	Analyst	Day	Concentration/Dilution
3.60	Included		0.83	153.6	12	A1		150
-2.90	Included		0.45	47.1	12	A2	D1	50
6.00	Included		0.33	156	11	A2		150
3.20	Included		0.62	128.2	12	A1		125
2.00	Included		0.73	52	11	A1	D1	
-2.40	Included	Ok	0.33	47.6	11	A1	D1	
-2.10	Included	Ok	1.89	97.9	12	A2	D2	100
1.70	Included	Ok	0.76	76.7	11	A2	D2	75
4.90	Included	Ok	0.39	79.9	12	A1	D1	75
-0.50	Included	Ok	0.21	99.5	11	A1	D1	100
-0.60	Included	Ok	0.28	99.4	11	A1	D1	100
3.70	Included	Ok	0.81	153.7	12	A1	D1	150
-8.70	Excluded	Outlier	3.06	41.3	12	A1	D2	50
-1.00	Included	Ok	0.61	99	12	A2	D2	100
18.90	Excluded	Outlier	6.07	168.9	11	A2	D1	150
4.60	Included		1.03	129.6	11	A1		125
2.80	Included	Ok	0.51	127.8	11	A1	D2	125
5.50	Included		0.43	155.5	12	A1		150
5.10	Included		0.46	80.1	12	A2	D1	
3.90	Included		1.31	53.9	11	A2	D2	
1.70	Included	Ok	2.01	101.7	12	A2	D2	100
-1.60	Excluded	Outlier	3.43	73.4	12	A1	D2	75
9.00	Included	Ok	0.23	159	11	A2	D2	150
-7.90	Excluded	Outlier	6.17	117.1	11	A2	D1	125
6.20	Included	Ok	0.90	81.2	11	A1	D2	75
6.40	Included	Ok	0.98	81.4	11	A2	D1	75
2.20	Included	Ok	0.78	52.2	12	A2	D2	50
1.30	Included	Ok	0.14	126.3	12	A2	D1	125
1.10	Included	Ok	1.16	101.1	I1	A1	D1	100
0.30	Included	Ok	0.10	125.3	12	A2	D1	125

K Sigma: 3

Linearity - Linearity Evaluation



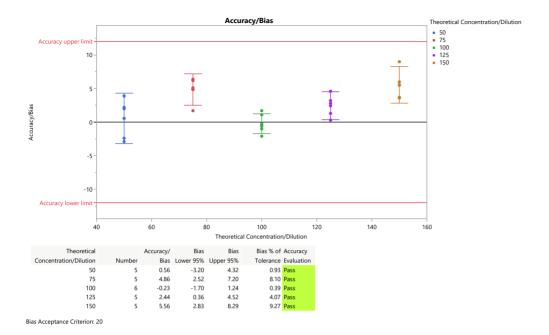
Linearity - Range of Linearity



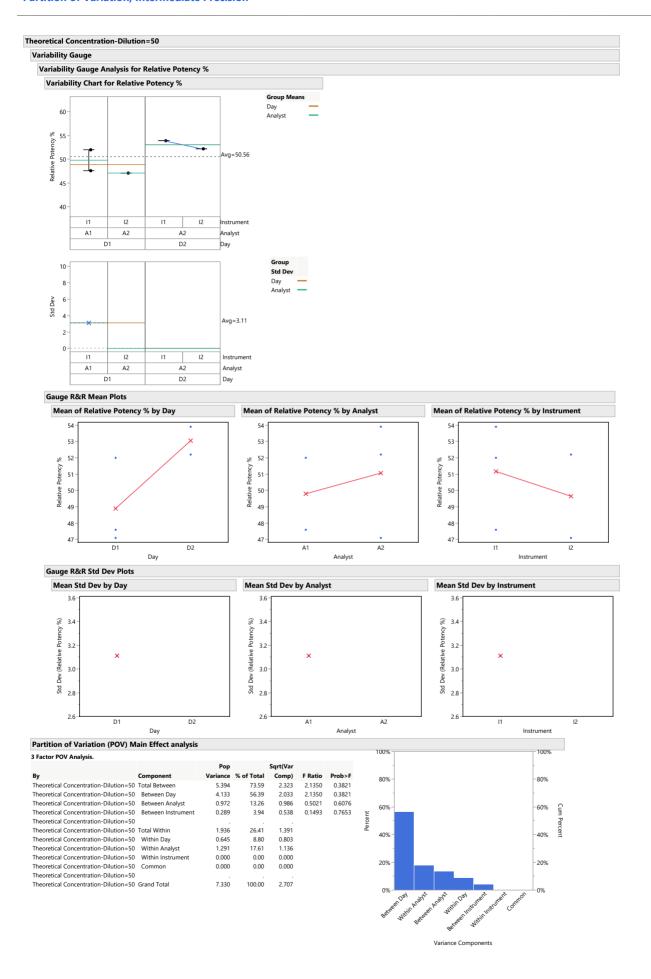
If concentration is calculated as below 0, report shows 0.

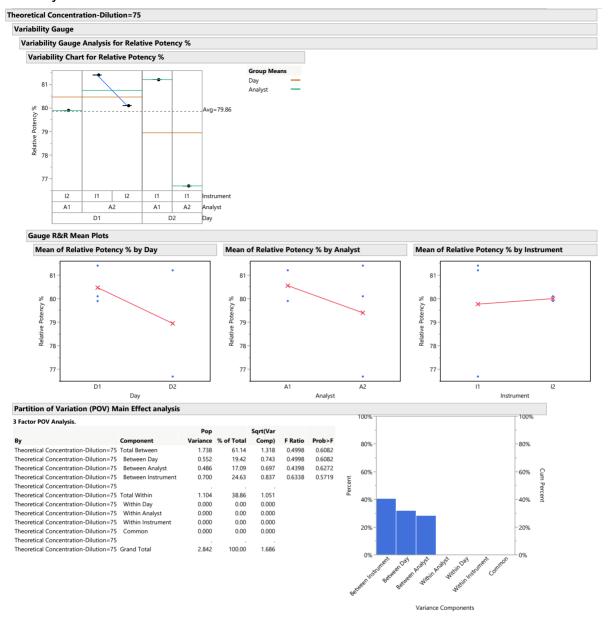
LSL = 70, USL = 130, Lower Linearity Limit = 80, Upper Linearity Limit = 120, Lower Acceptance Limit = 56, Upper Acceptance Limit = 156

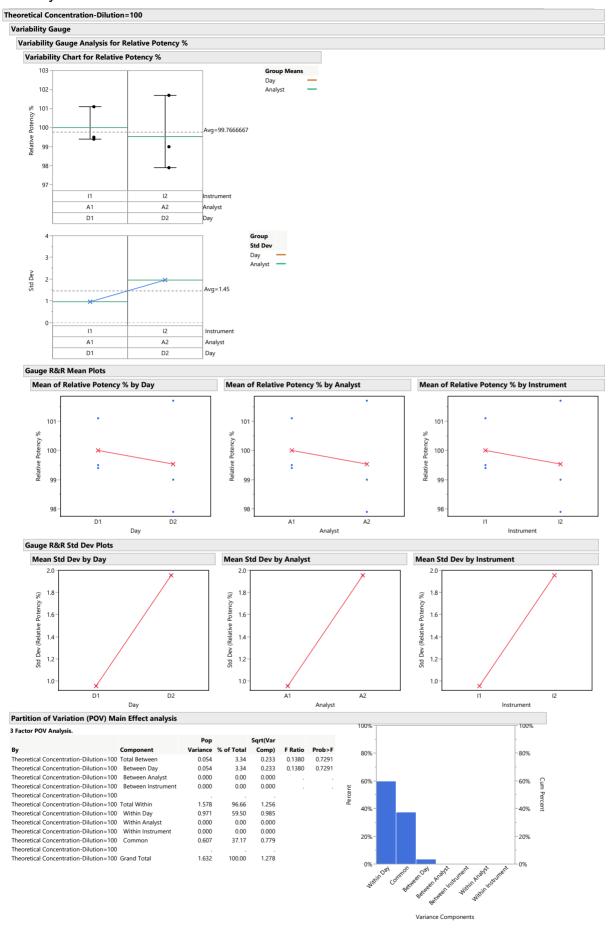
Linearity - Bias/Accuracy

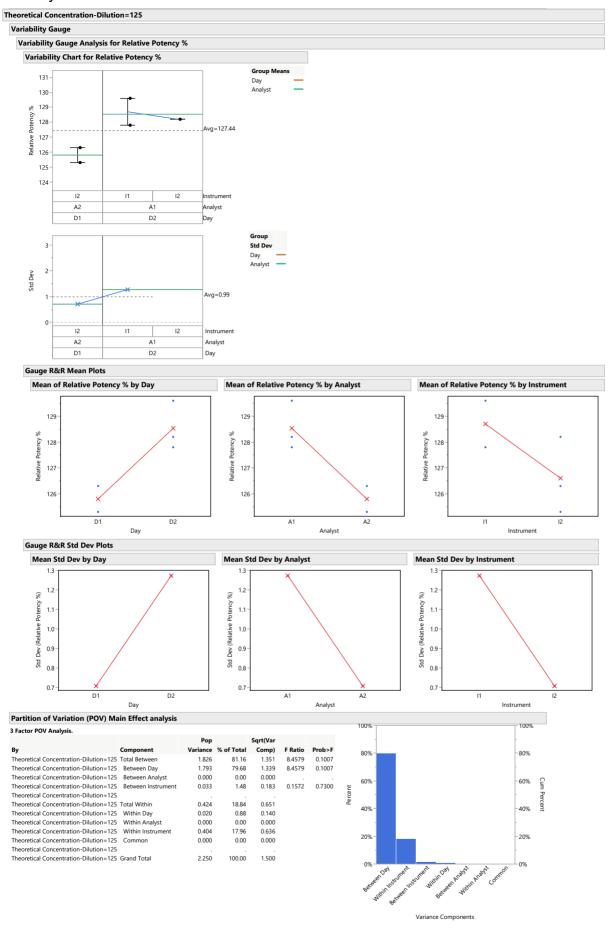


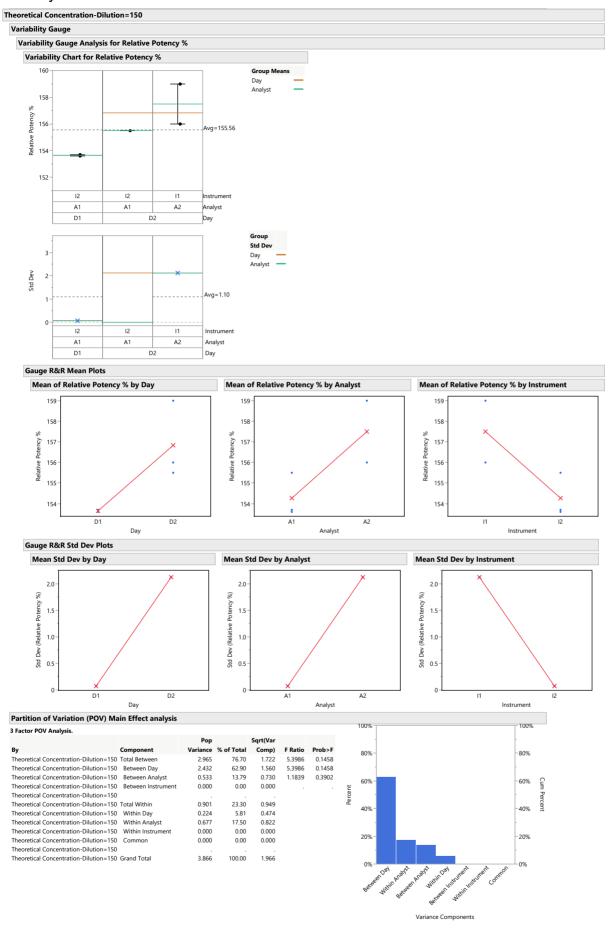
Partition of Variation, Intermediate Precision



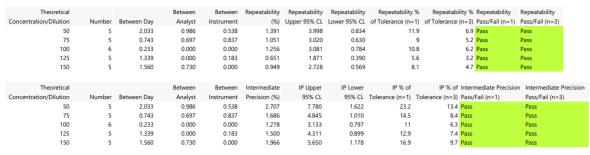






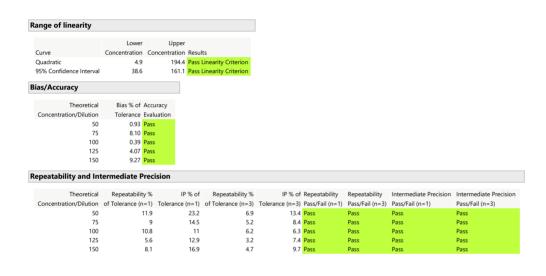


Linearity - Repeatability and Intermediate Precision



Repeatability acceptance criterion: 60

Report Summary



Assay Range

	Sample	Reported
Curve	Size (n)	Range
Quadratic	1	50 - 150
Quadratic	3	50 - 150
95% Confidence Interval	1	50 - 150
95% Confidence Interval	3	50 - 150

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