

LABORATORY EXPERIMENT ANALYSIS

Experiment ID: EXP-2024-001

Date: October 24, 2024

Lead Researcher: Dr. Aris Thorne

Subject: Quantum Thermal Dynamics

TRIAL NO.	VARIABLE (X)	CONTROL (Y)	OBSERVED VALUE	DEVIATION
01	12.5 mg	20.0C	0.884	$\hat{A} \pm 0.02$
02	25.0 mg	20.0C	1.452	$\hat{A} \pm 0.01$
03	37.5 mg	20.0C	2.109	$\hat{A} \pm 0.03$
04	50.0 mg	20.0C	2.997	$\hat{A} \pm 0.02$

Data Visualization

[Graphical Plot Area: Linear Regression Analysis]

Final Observations & Conclusion

Reviewer Signature: _____

Approval Date: _____