



YILDIZ TECHNICAL UNIVERSITY
FACULTY OF ART AND SCIENCE
DEPARTMENT OF CHEMISTRY

PHYSICAL CHEMISTRY LABORATORY NOTEBOOK



Student

Name and Surname:

Number:

Department:

Term:

Laboratory Start Date: / /

YILDIZ TECHNICAL UNIVERSITY



**PHYSICAL CHEMISTRY LABORATORY
NOTEBOOK**

PHYSICAL CHEMISTRY LABORATORY

NOTEBOOK

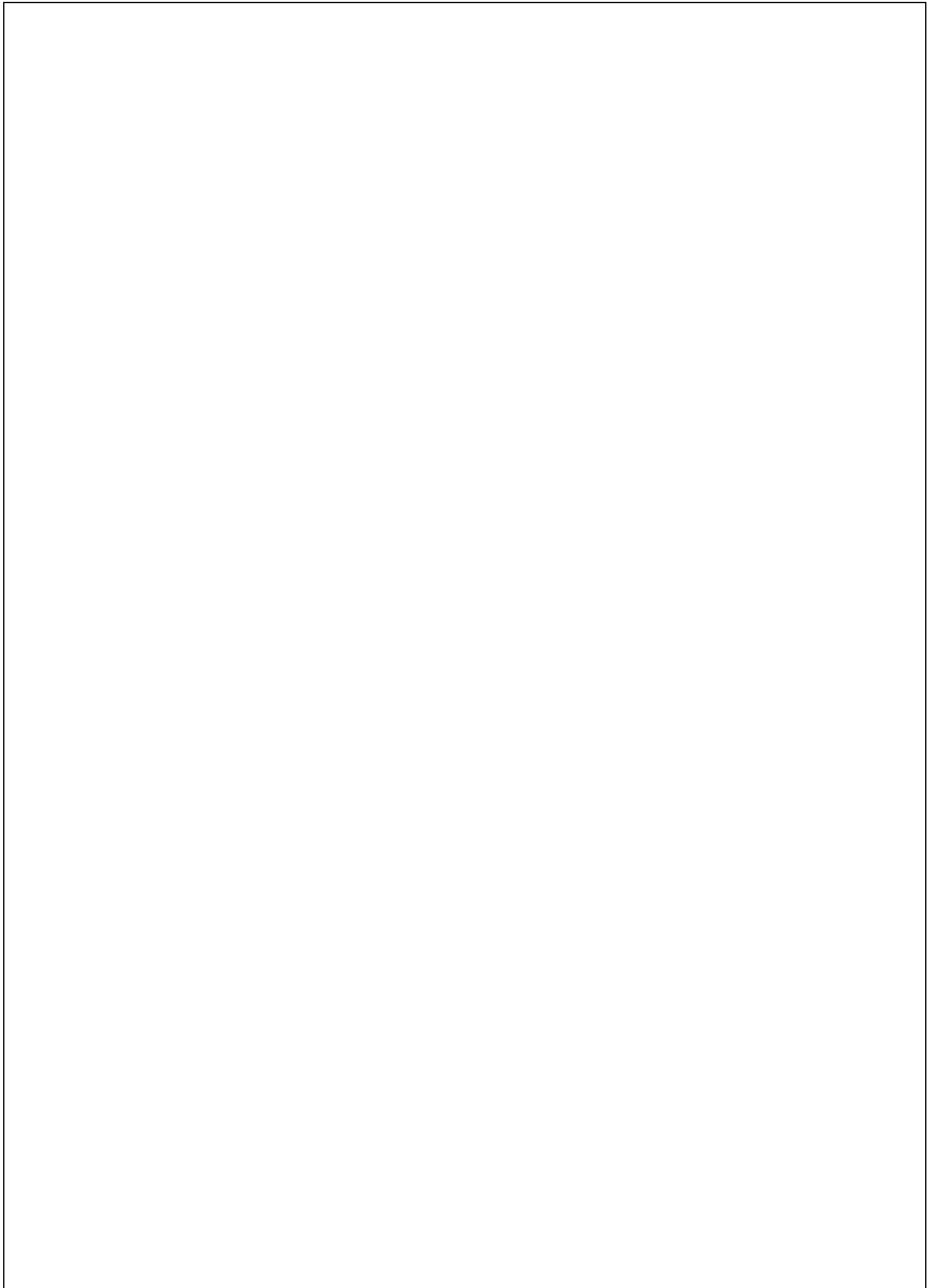
NAME-SURNAME		STUDENT NUMBER		Photograph
E-posta		Telephone No		
Lecture				
Laboratory Term		FALL		
		DATE	SIGNATURE	
1	DETERMINATION OF HEAT OF SOLUTION WITH SOLUBILITY METHOD			
2	DETERMINING SURFACE TENSION OF LIQUIDS USING THE RING (DU NOUY) METHOD AND CAPILLARY RISE			
3	VELOCITY OF MOLECULES AND THE MAXWELL BOLTZMANN DISTRIBUTION FUNCTION			
4	DETERMINATION OF HEAT OF VAPORIZATION OF LIQUIDS			
5	DETERMINATION OF LINEAR EXPANSION COEFFICIENTS OF METALS BY DILATOMETRIC METHOD			
6	VISCOSITY			
7	REFRACTIVE INDEX OF LIQUIDS AND MOLECULAR REFRACTION			
8	OPTICAL ROTATION AND DETERMINATION OF CONCENTRATION BY POLARIMETRIC METHOD			
9	DETERMINATION OF THE HEAT OF COMBUSTION USING A BOMB CALORIMETER			

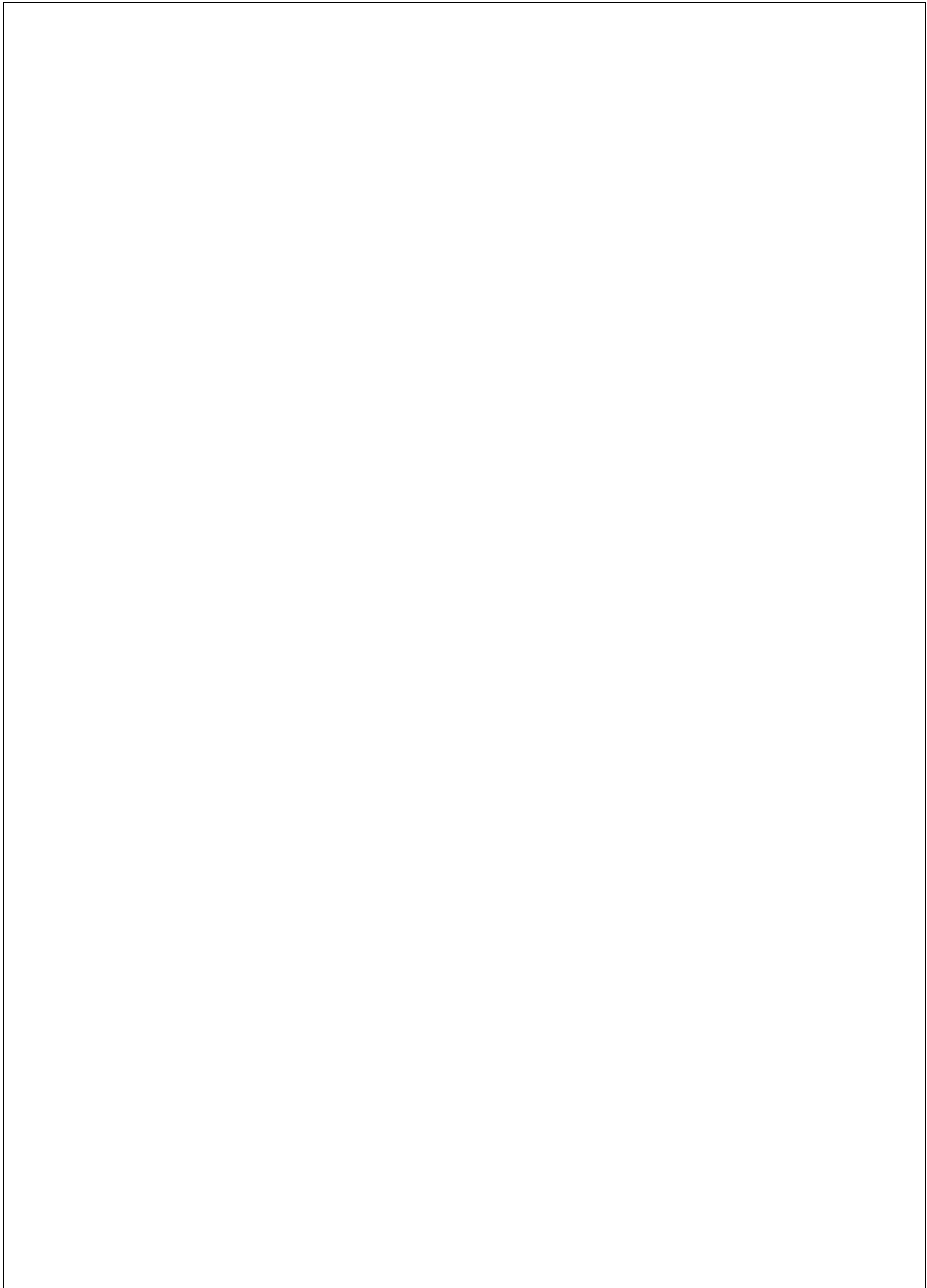
PHYSICAL CHEMISTRY LABORATORY

NOTEBOOK

NAME-SURNAME		STUDENT NUMBER	Photograph
E-posta		Telephone No	
Lecture			
Laboratory Term		Spring	
		DATE	SIGNATURE
1	SOLUBILITY DIAGRAM OF TWO PARTIALLY MISCIBLE LIQUIDS		
2	DETERMINATION OF THE KINETICS OF A SECOND ORDER REACTION SAPONIFICATION OF ETHYL ACETATE		
3	STEAM DISTILLATION		
4	CRYOSCOPY		
5	EFFECT OF TEMPERATURE ON REACTION RATE AND DETERMINATION OF THE ACTIVATION ENERGY OF A CHEMICAL REACTION		
6	KINETICS OF THE DECOMPOSITION REACTION OF α,α' -AZOBISISOBUTYRONITRILE		
7	REFRACTION FIRST ORDER REACTIONS POLARIMETRIC METHOD		
8	BULLIOSCOPY		
9	MOLECULAR WEIGHT DETERMINATION BY THE VICTOR MEYER METHOD		

EXPERIMENT NAME:	EXPERIMENT NO: 1
GOAL:	
GENERAL INFORMATION:	



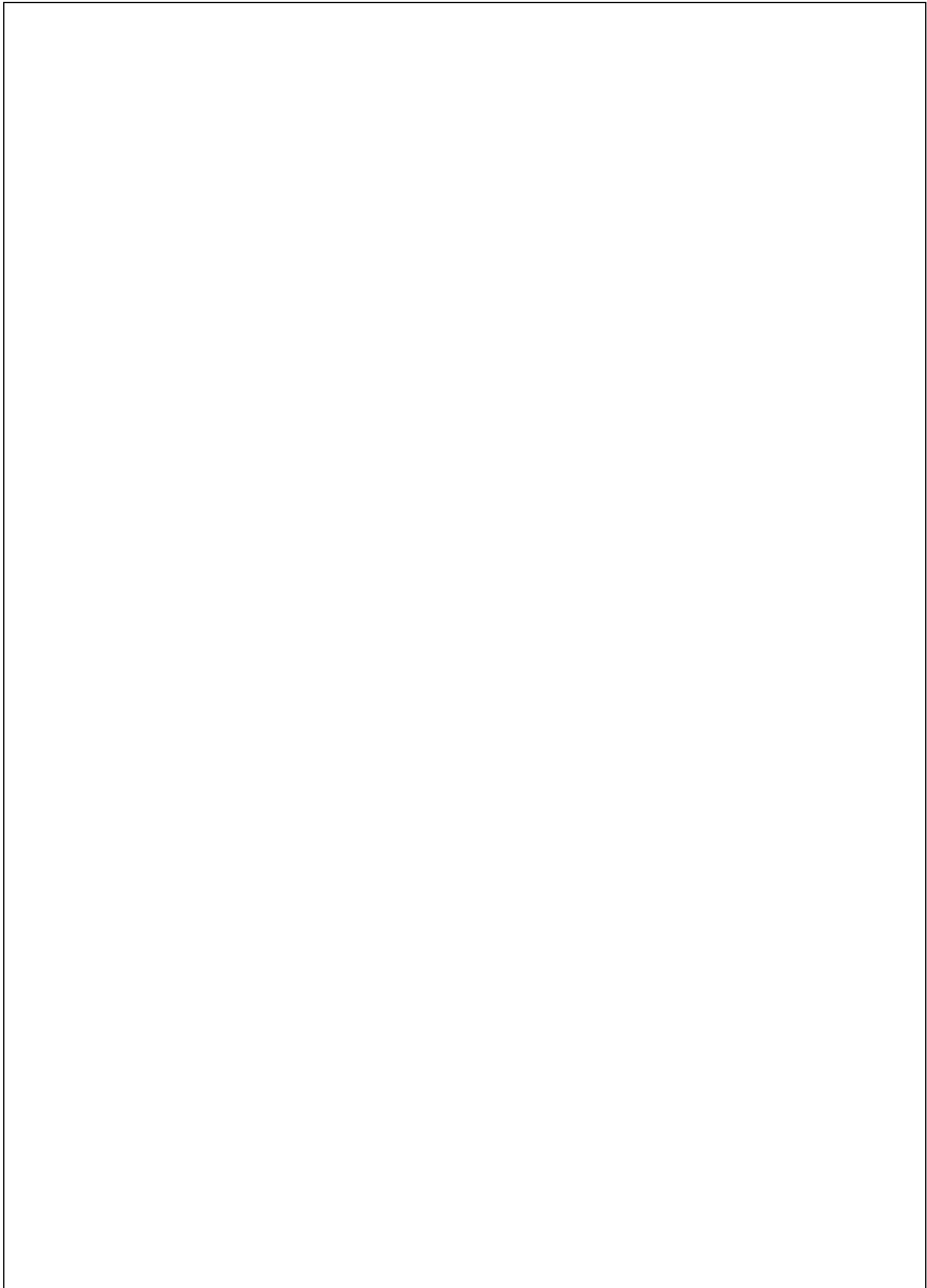


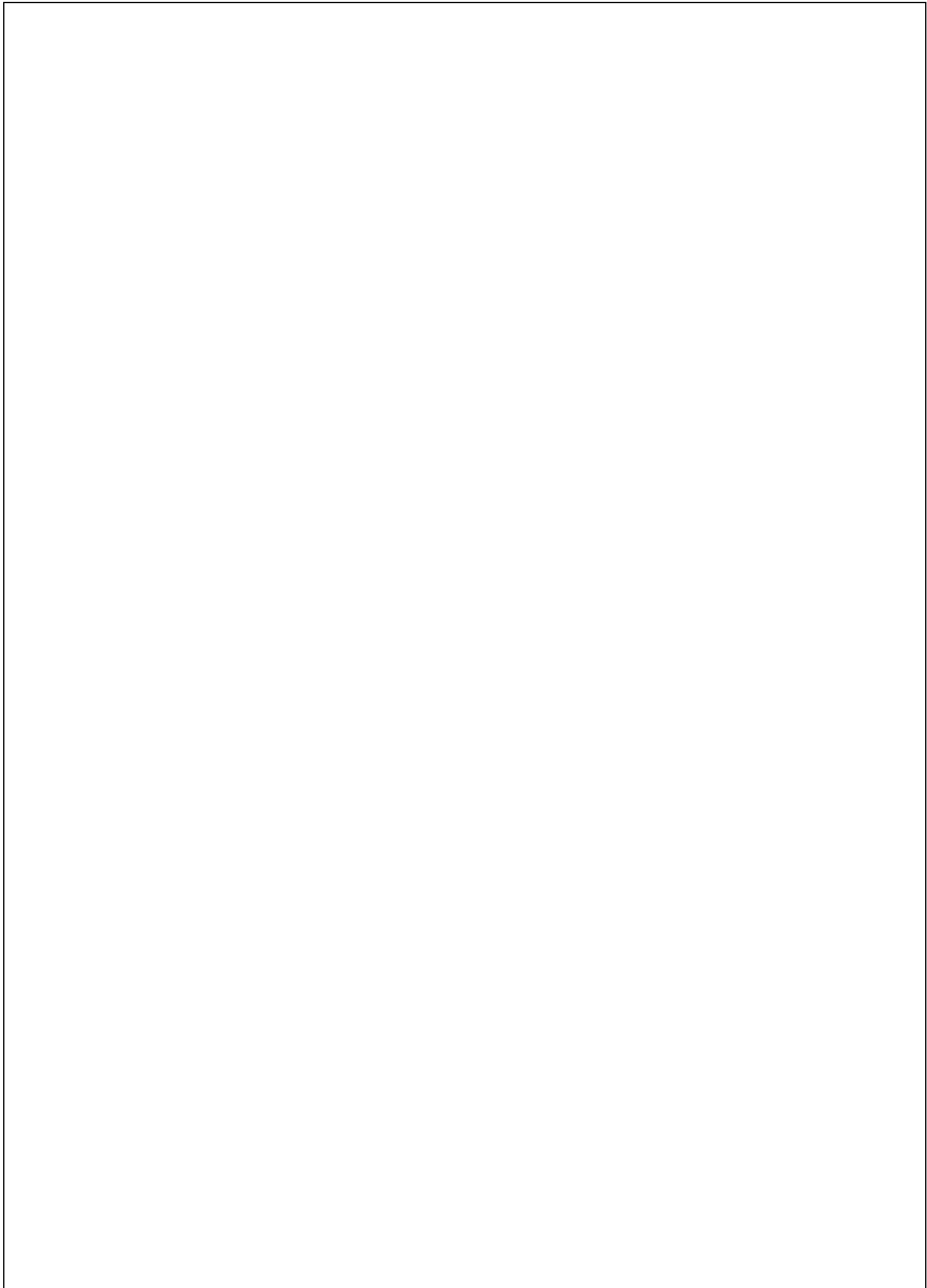
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EXPERIMENT NAME:	EXPERIMENT NO: 2
GOAL:	
GENERAL INFORMATION:	





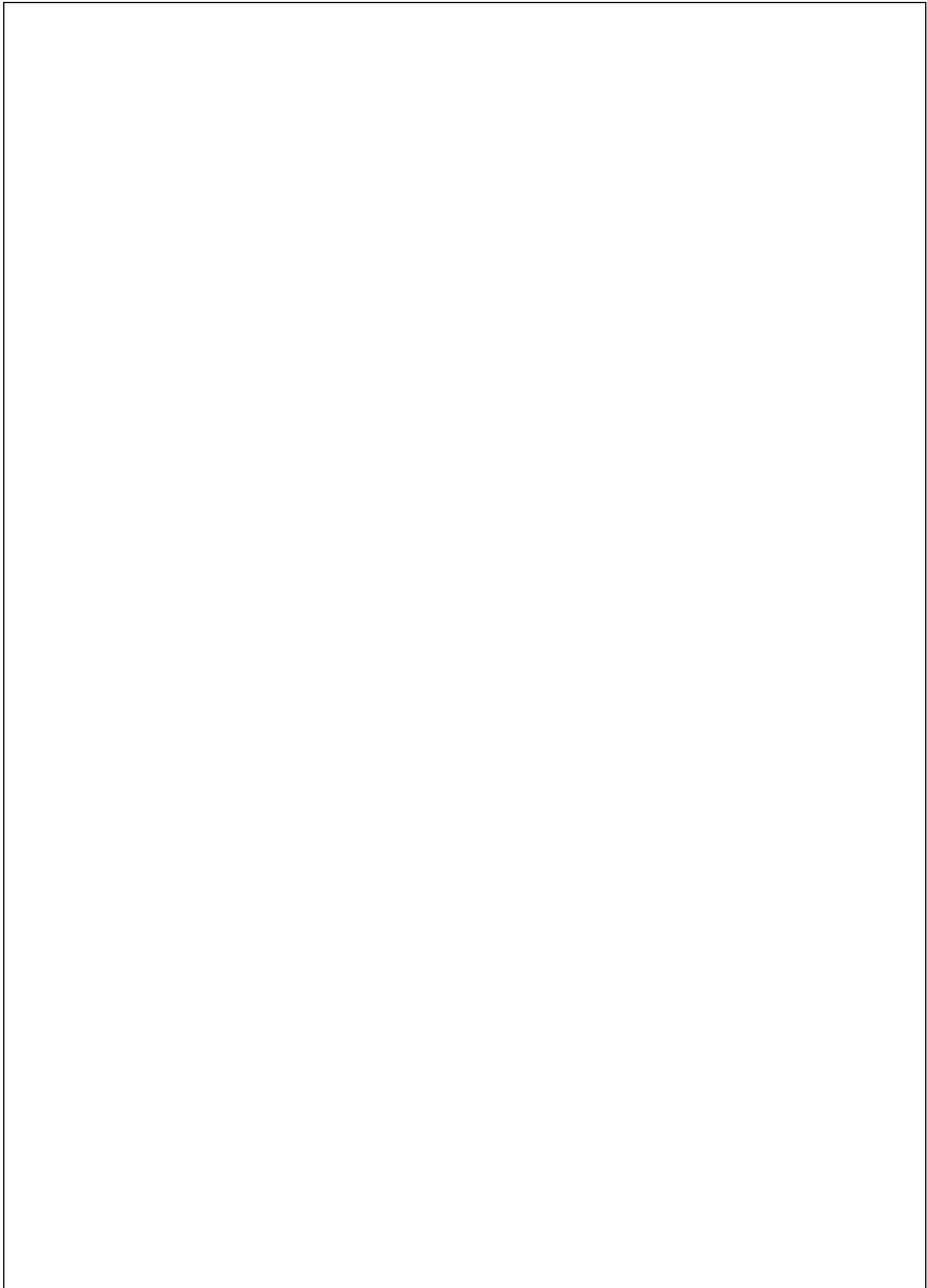
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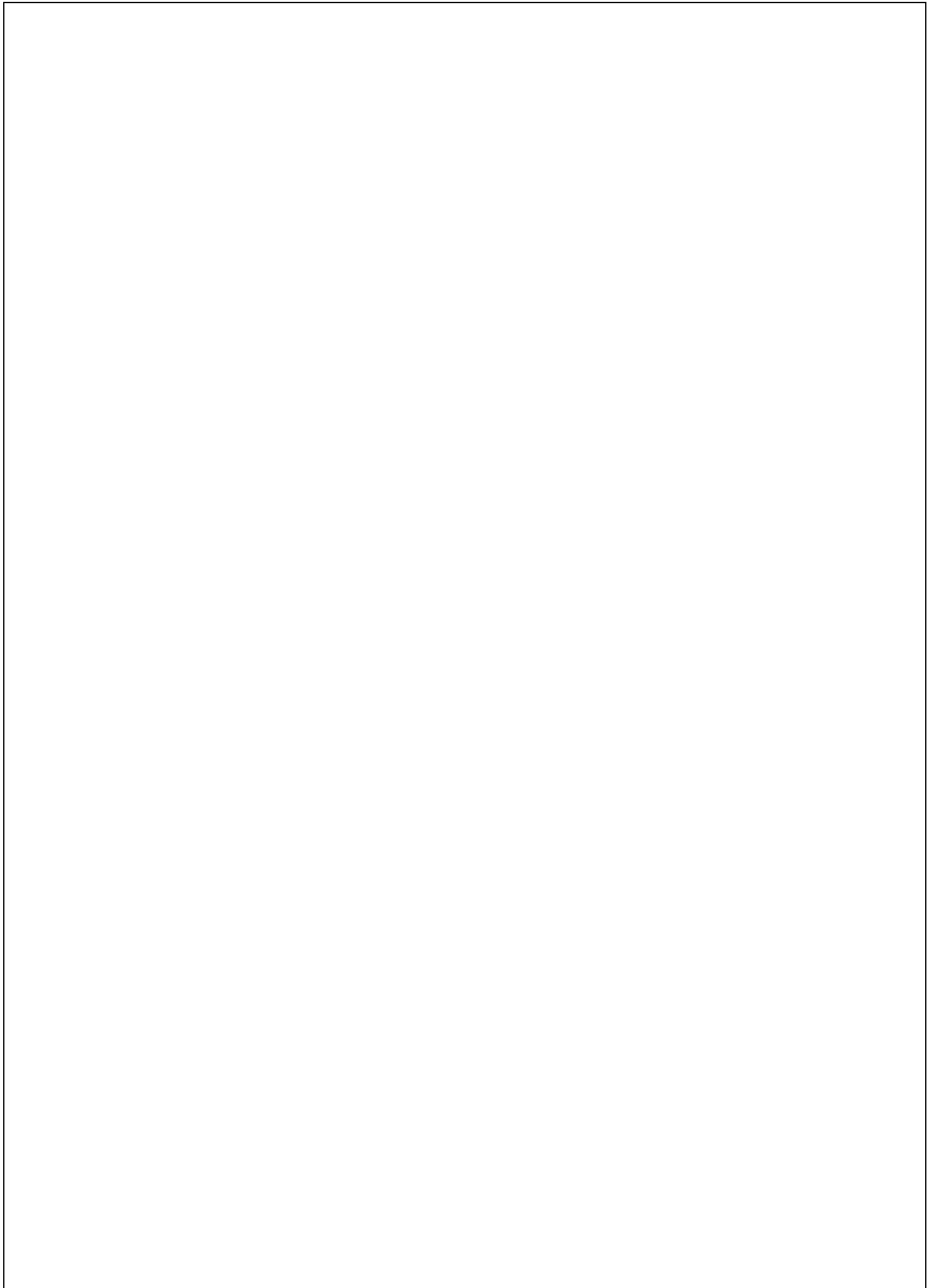
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EXPERIMENT NAME:	EXPERIMENT NO: 3
GOAL:	
GENERAL INFORMATION:	





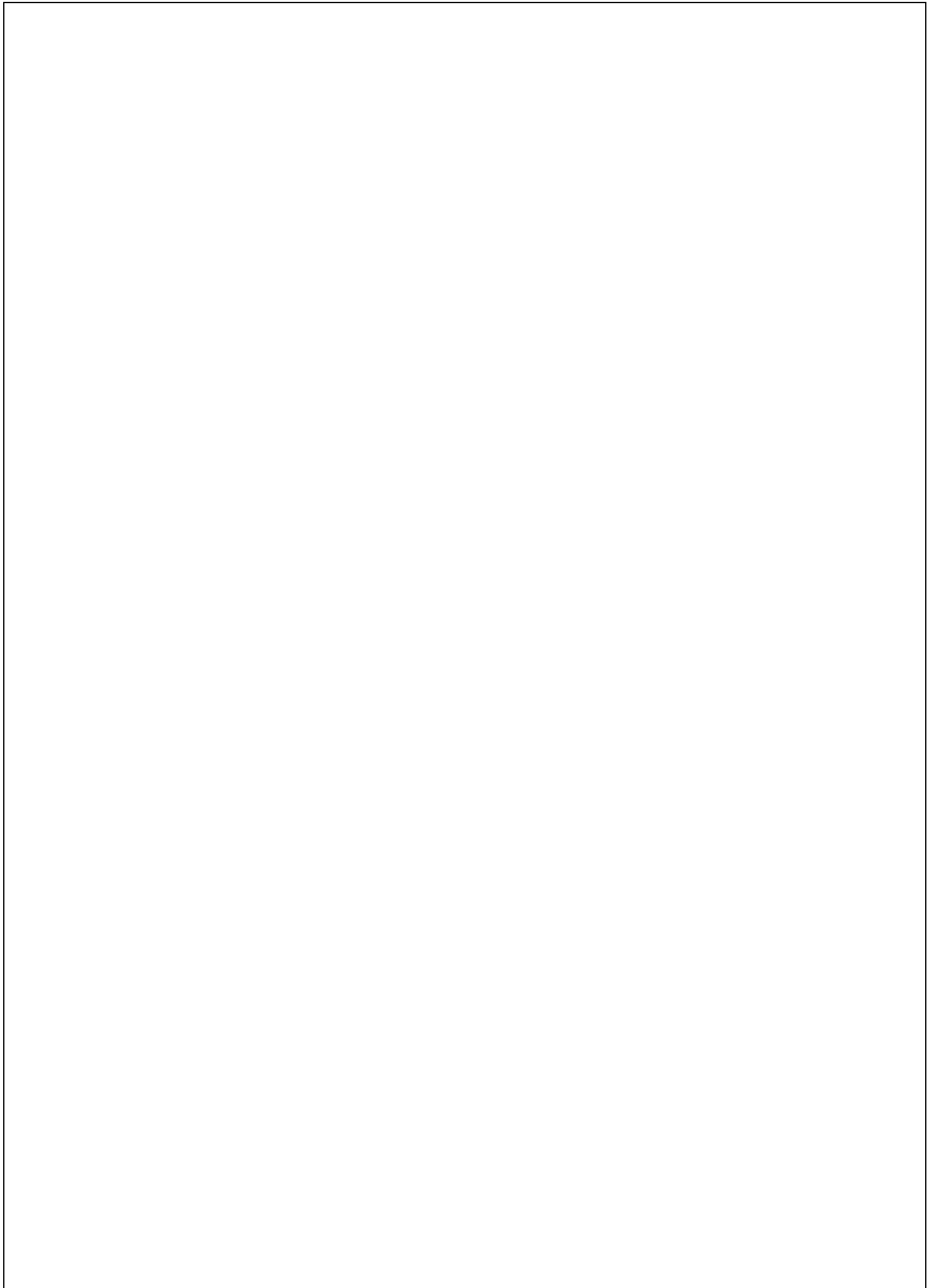
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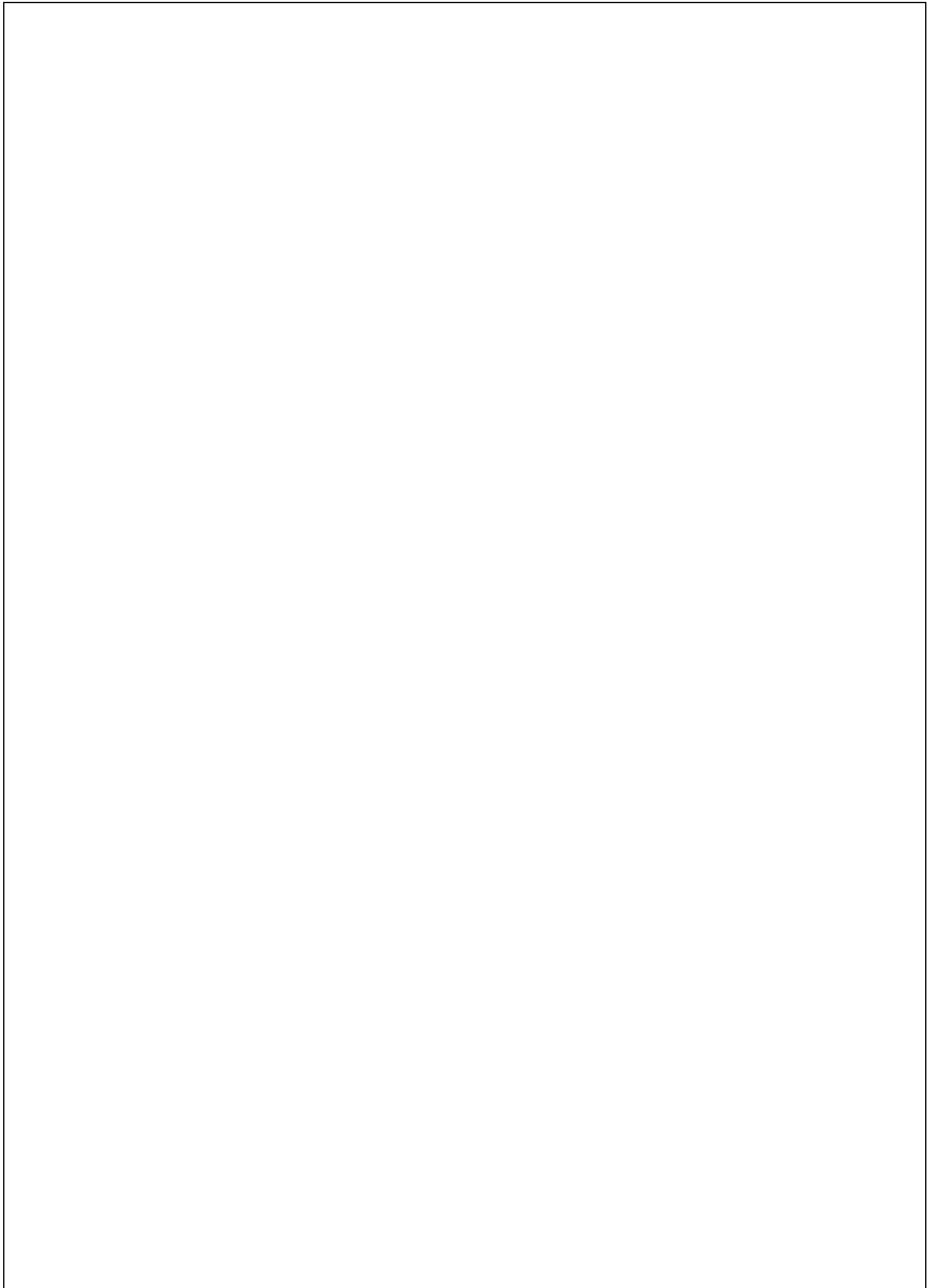
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GOAL:	
GENERAL INFORMATION:	



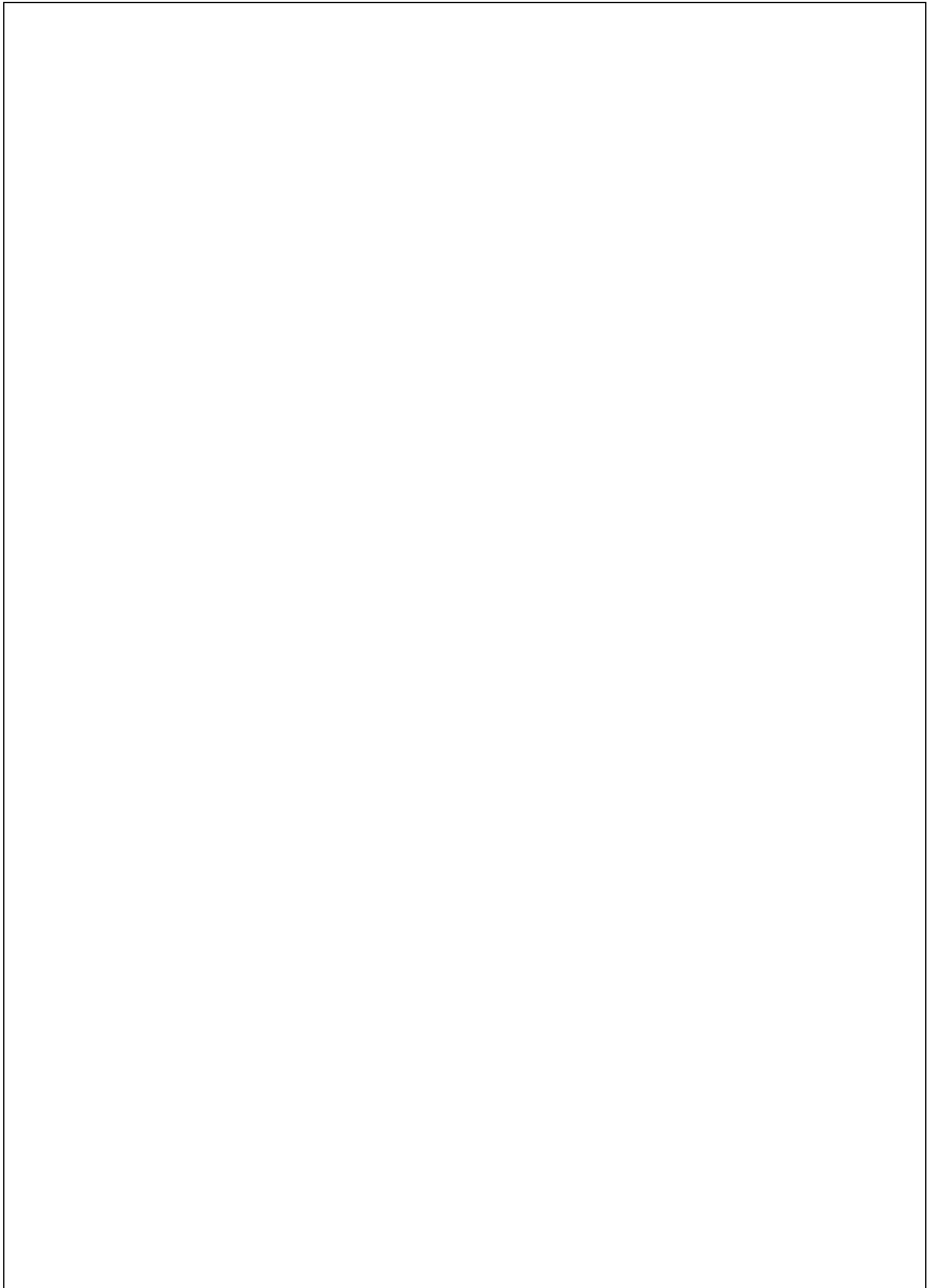


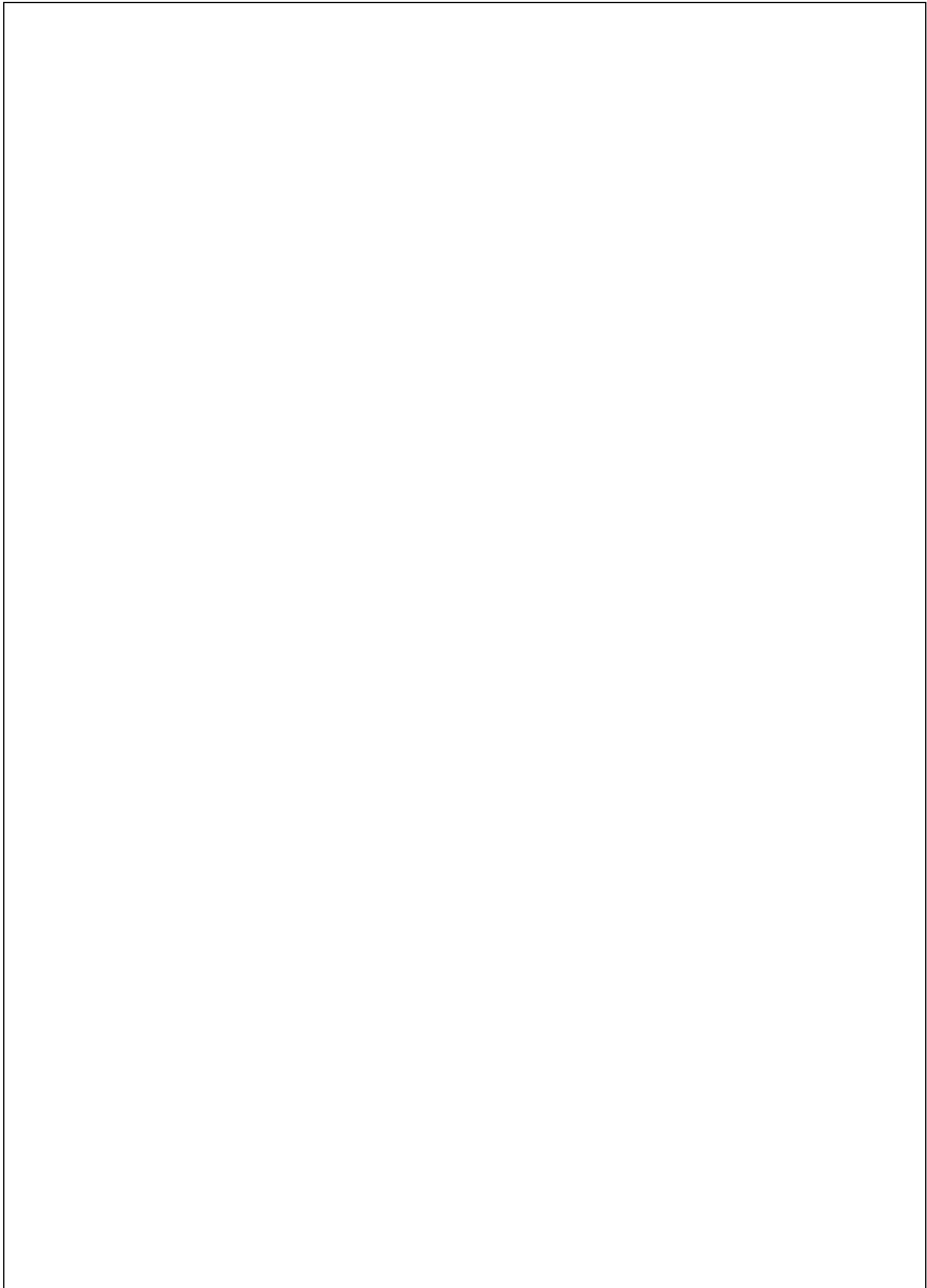
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GOAL:	
GENERAL INFORMATION:	





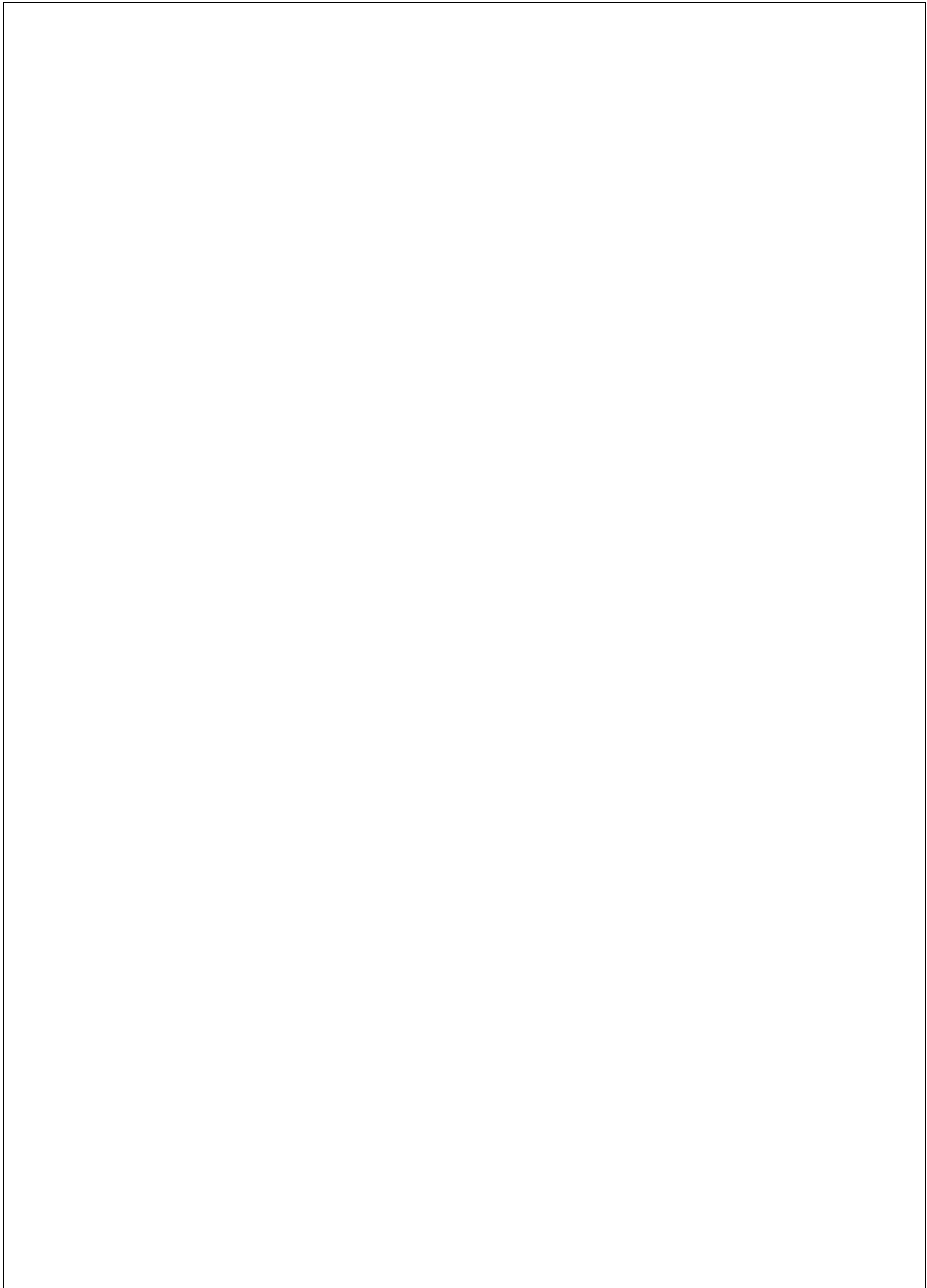
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EXPERIMENT NAME:	EXPERIMENT NO: 6
GOAL:	
GENERAL INFORMATION:	



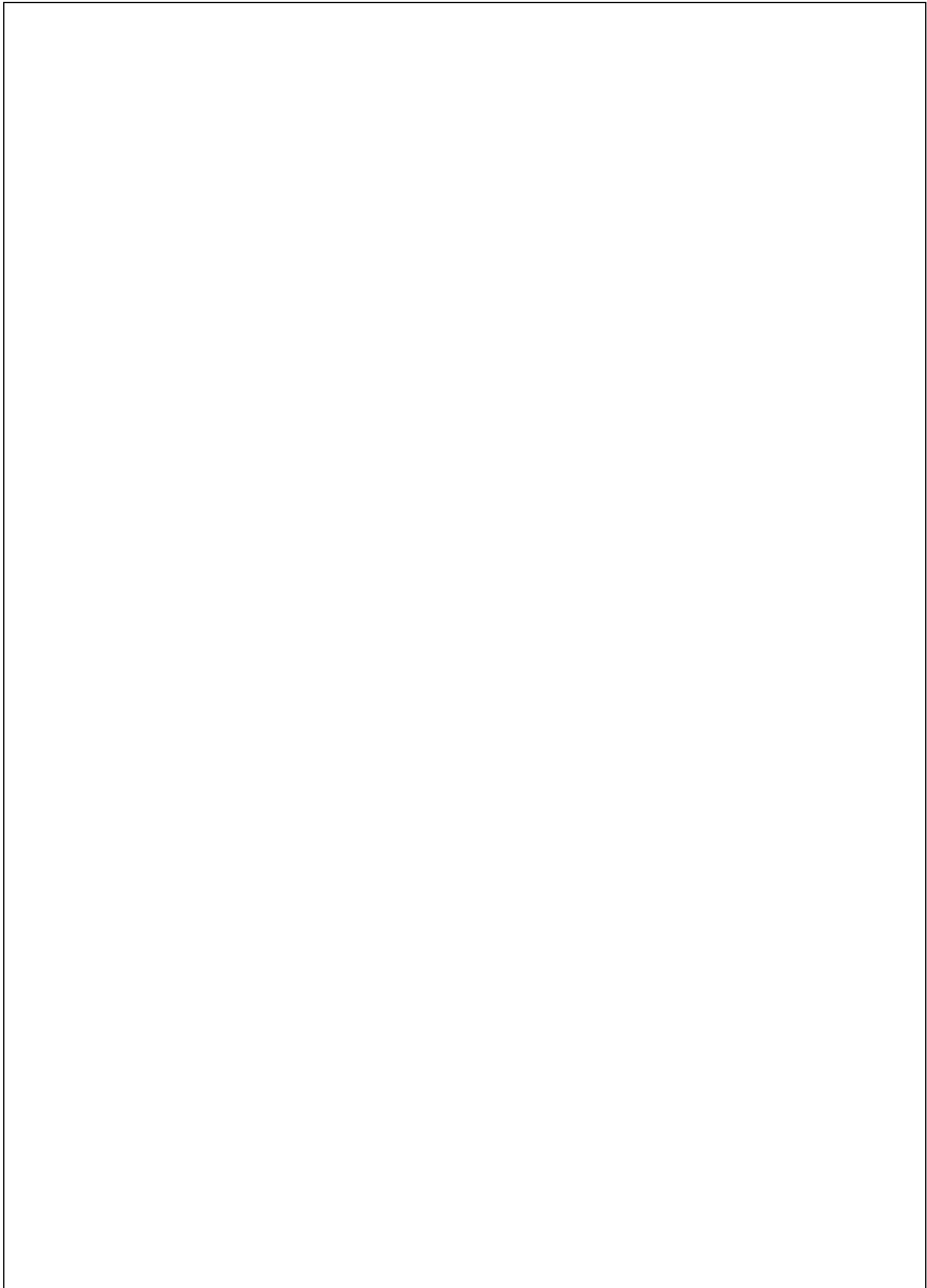
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GENERAL INFORMATION:	



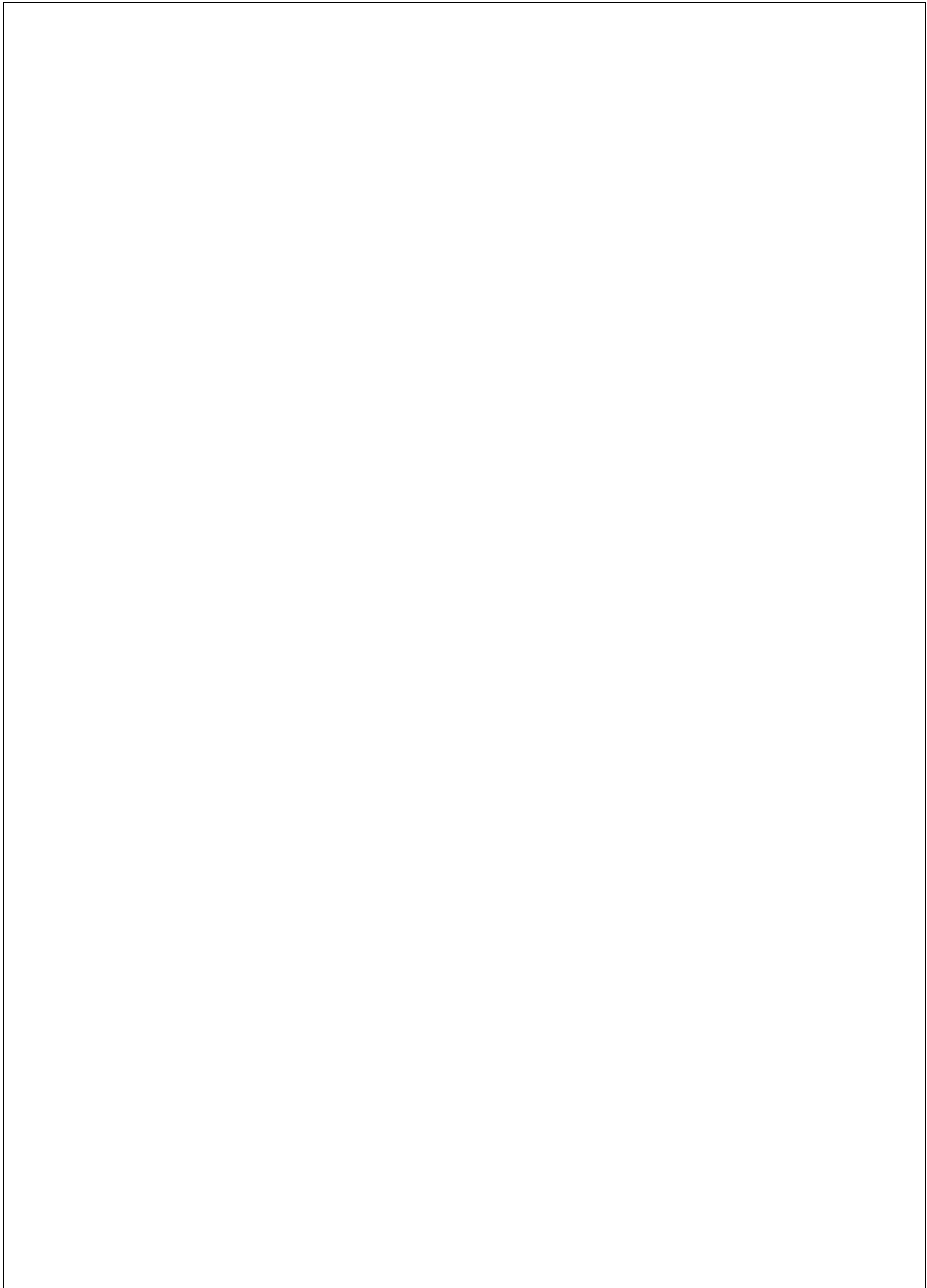
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GOAL:	
GENERAL INFORMATION:	

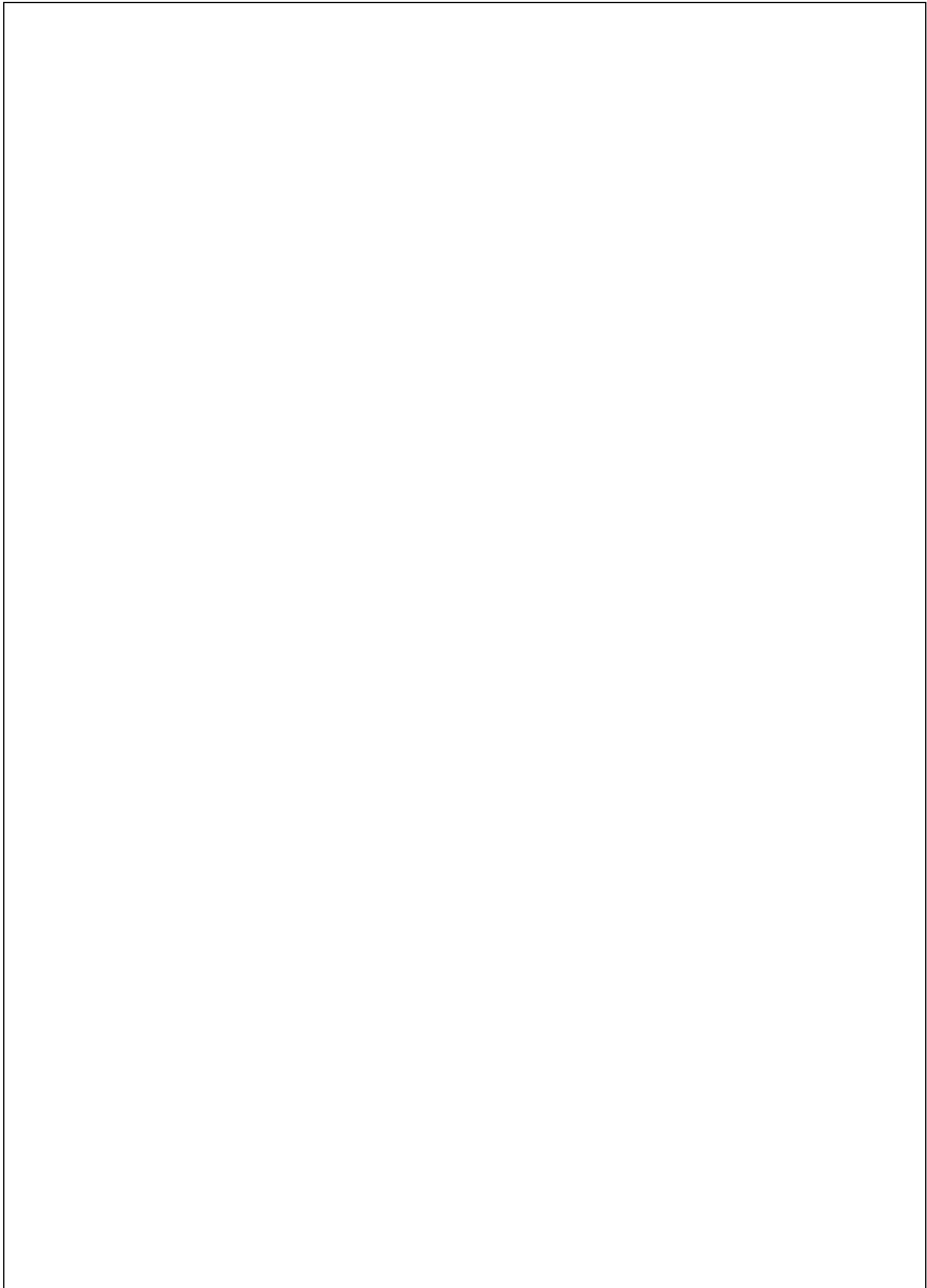


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EXPERIMENT NAME:	EXPERIMENT NO: 9
GOAL:	
GENERAL INFORMATION:	



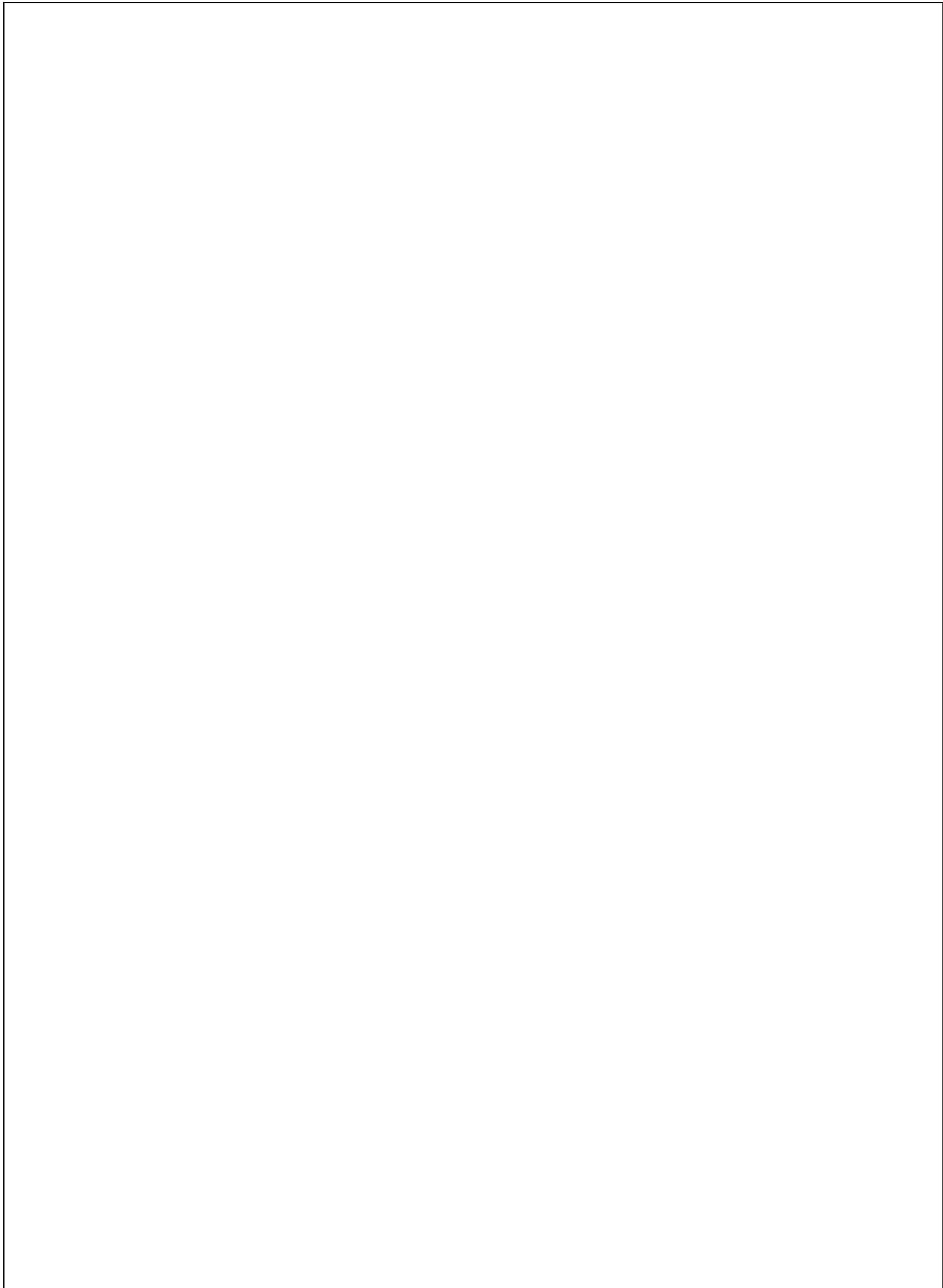
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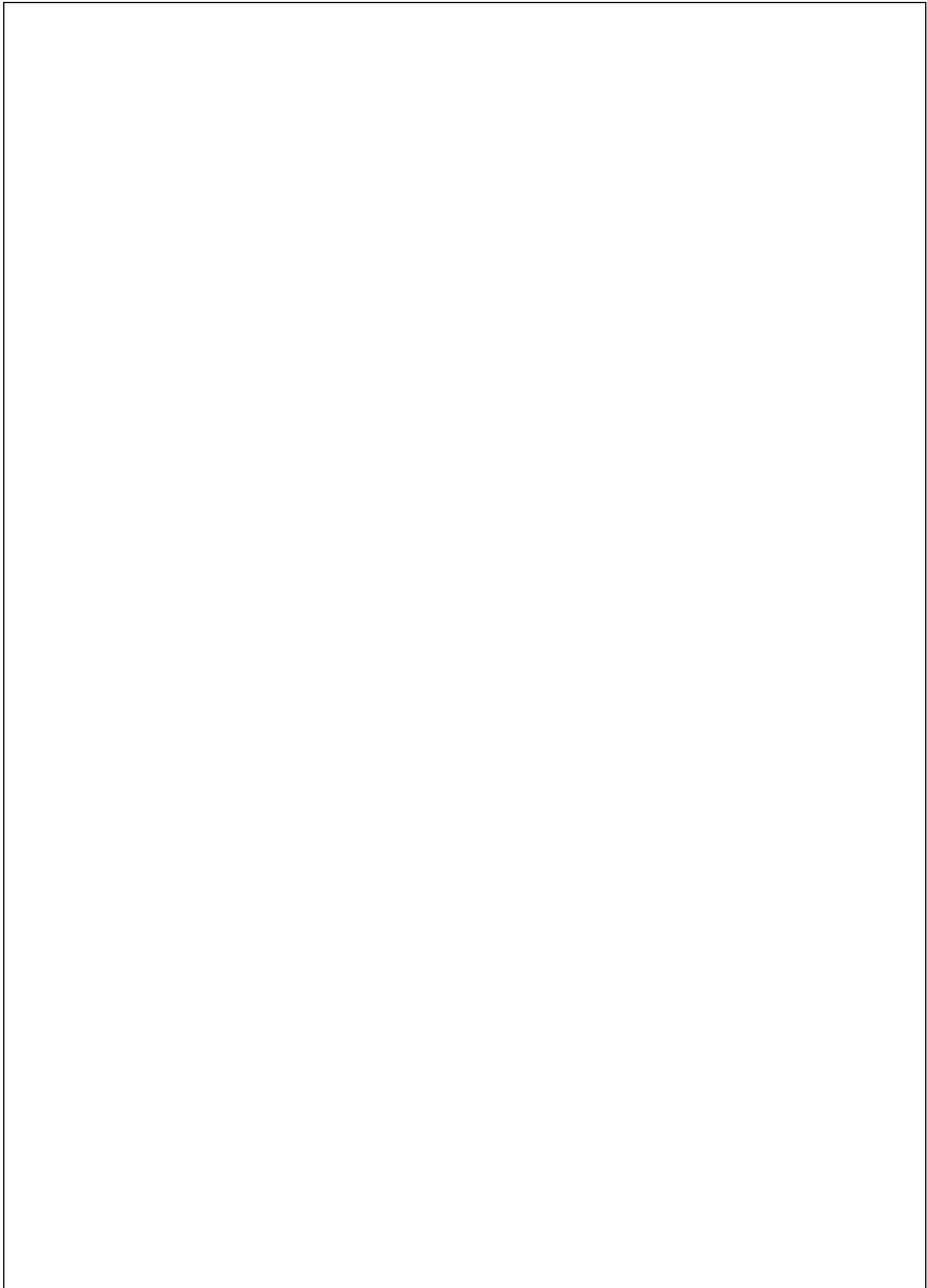
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EXPERIMENT NAME:	EXPERIMENT NO: 1
GOAL:	
GENERAL INFORMATION:	





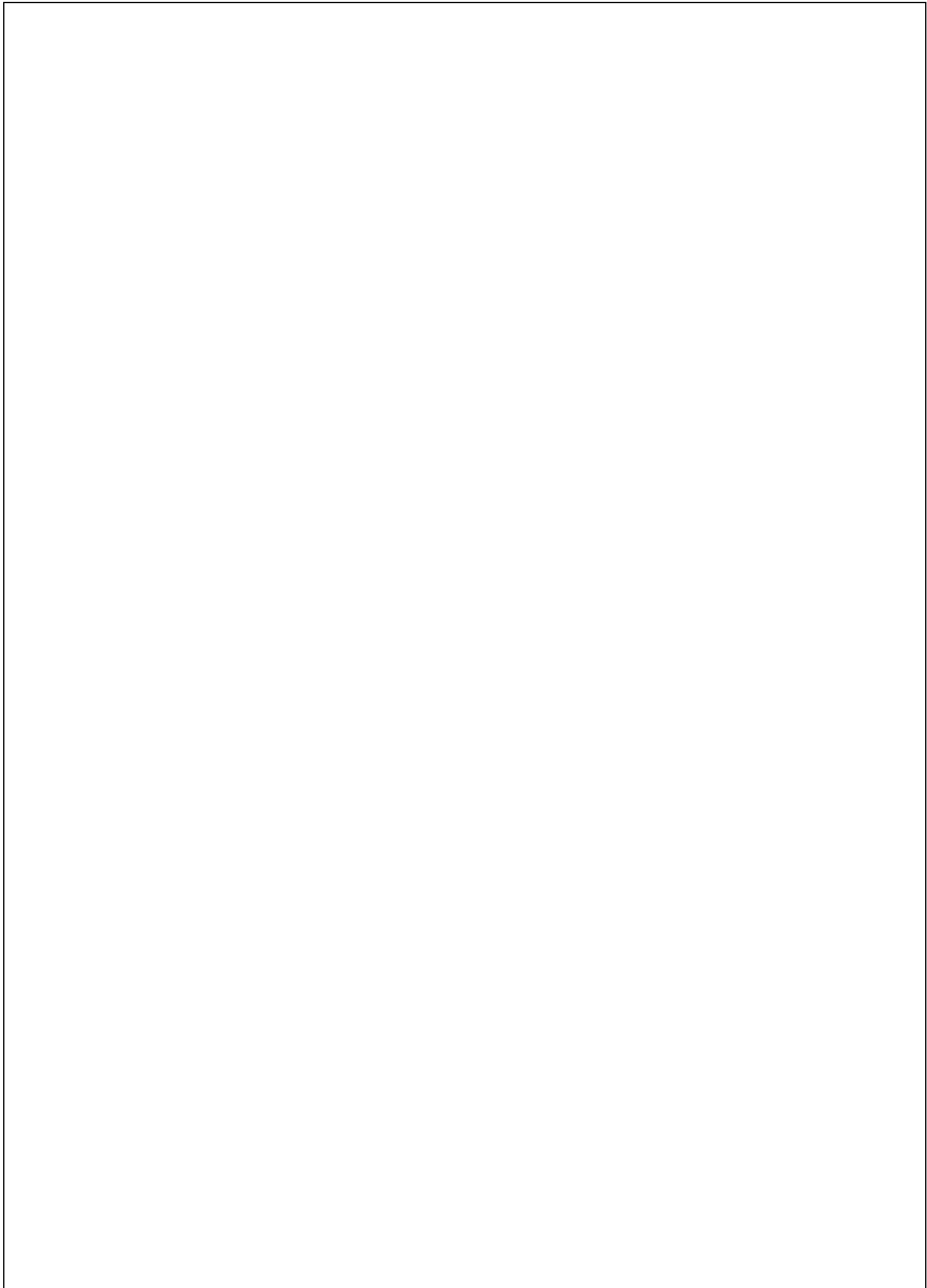
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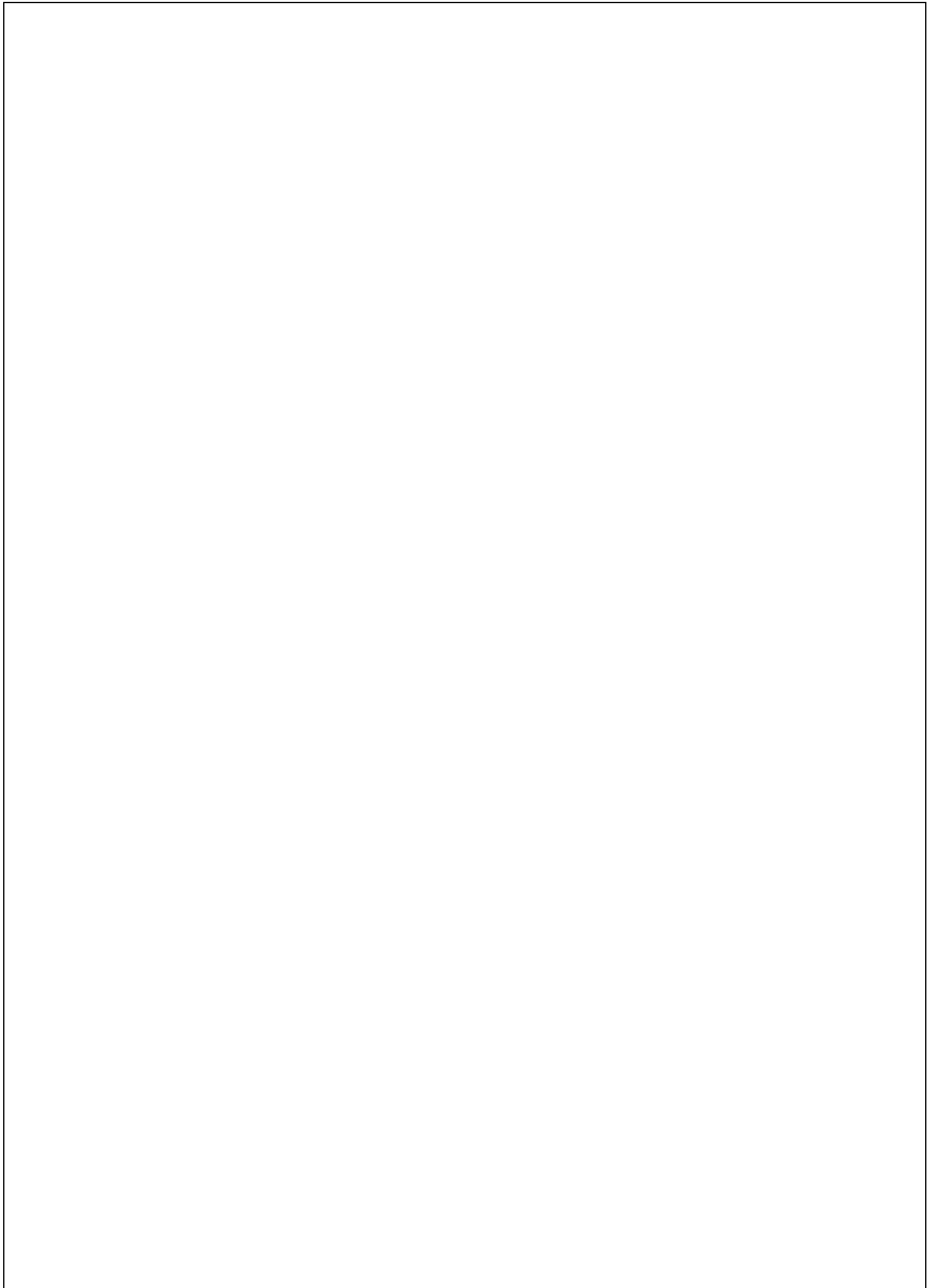
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EXPERIMENT NAME:	EXPERIMENT NO: 2
GOAL:	
GENERAL INFORMATION:	





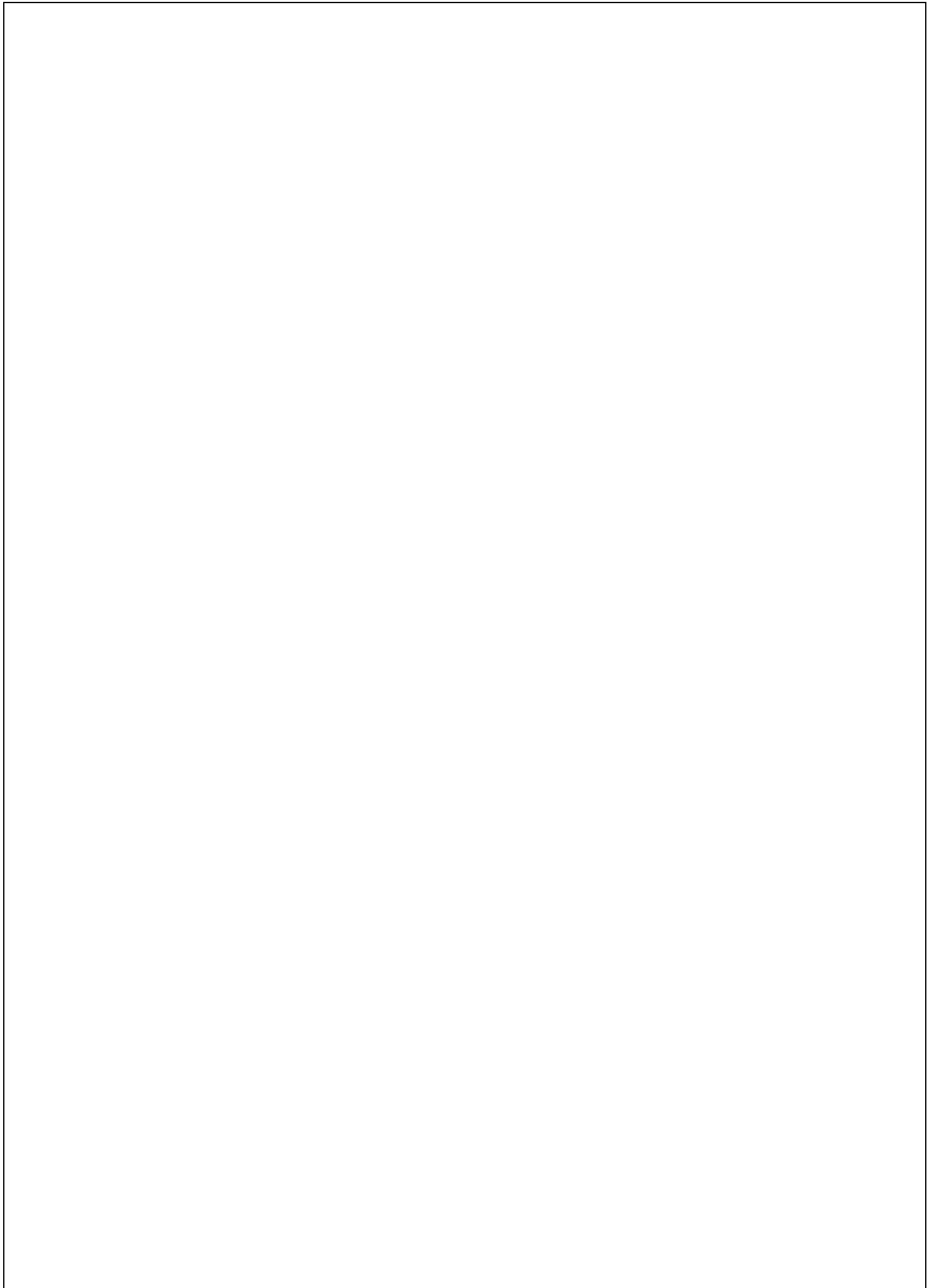
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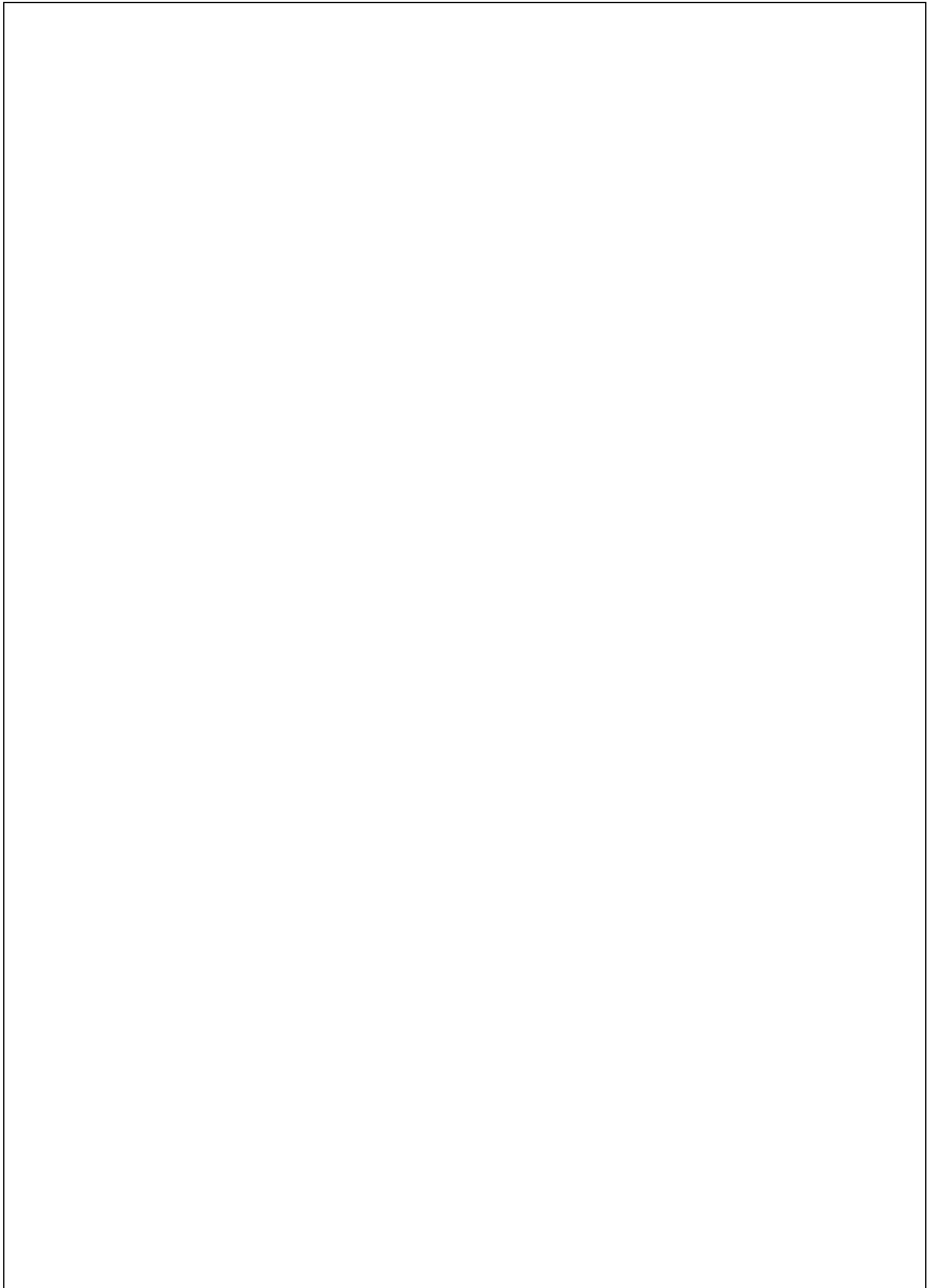
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EXPERIMENT NAME:	EXPERIMENT NO: 3
GOAL:	
GENERAL INFORMATION:	





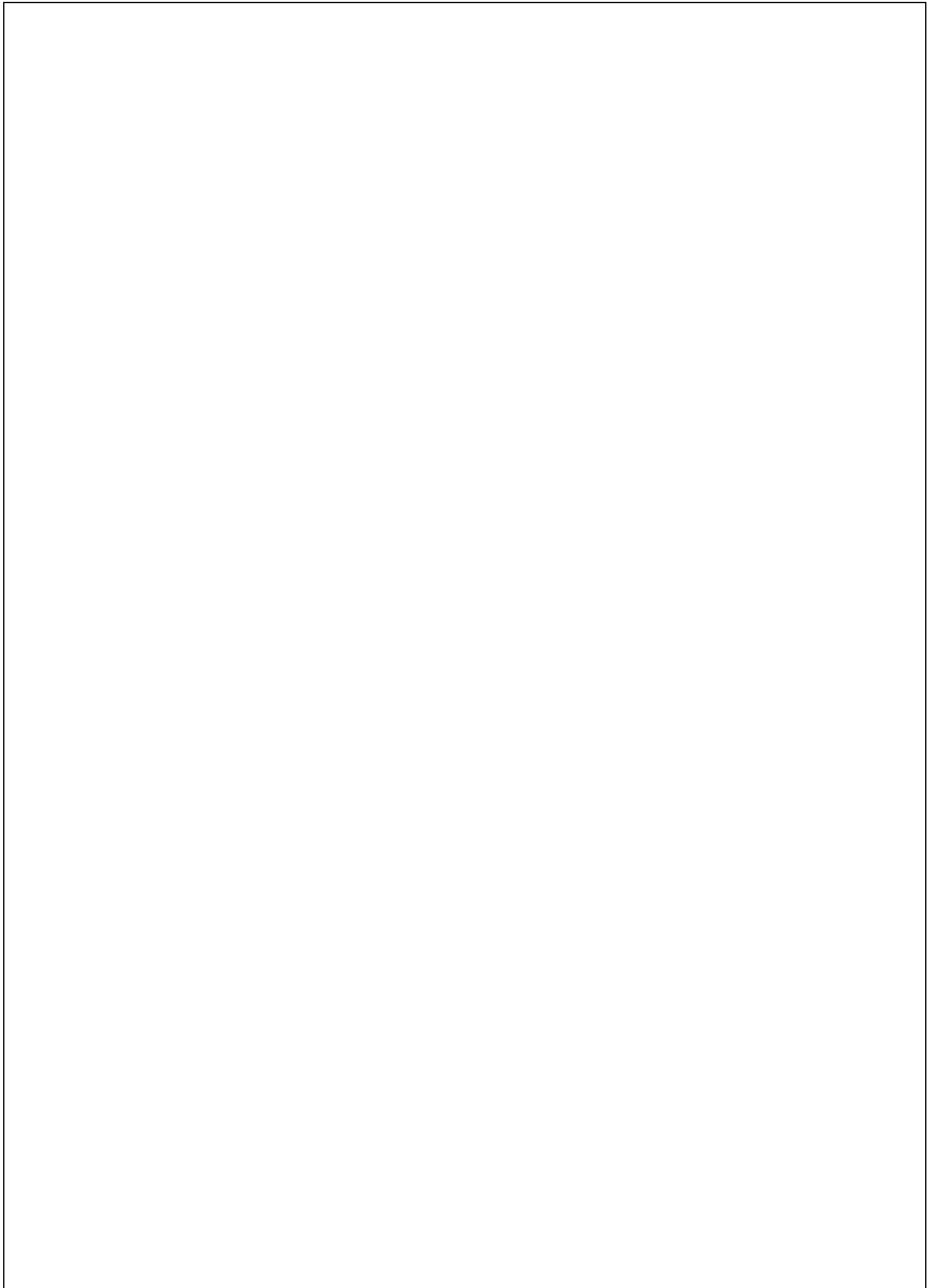
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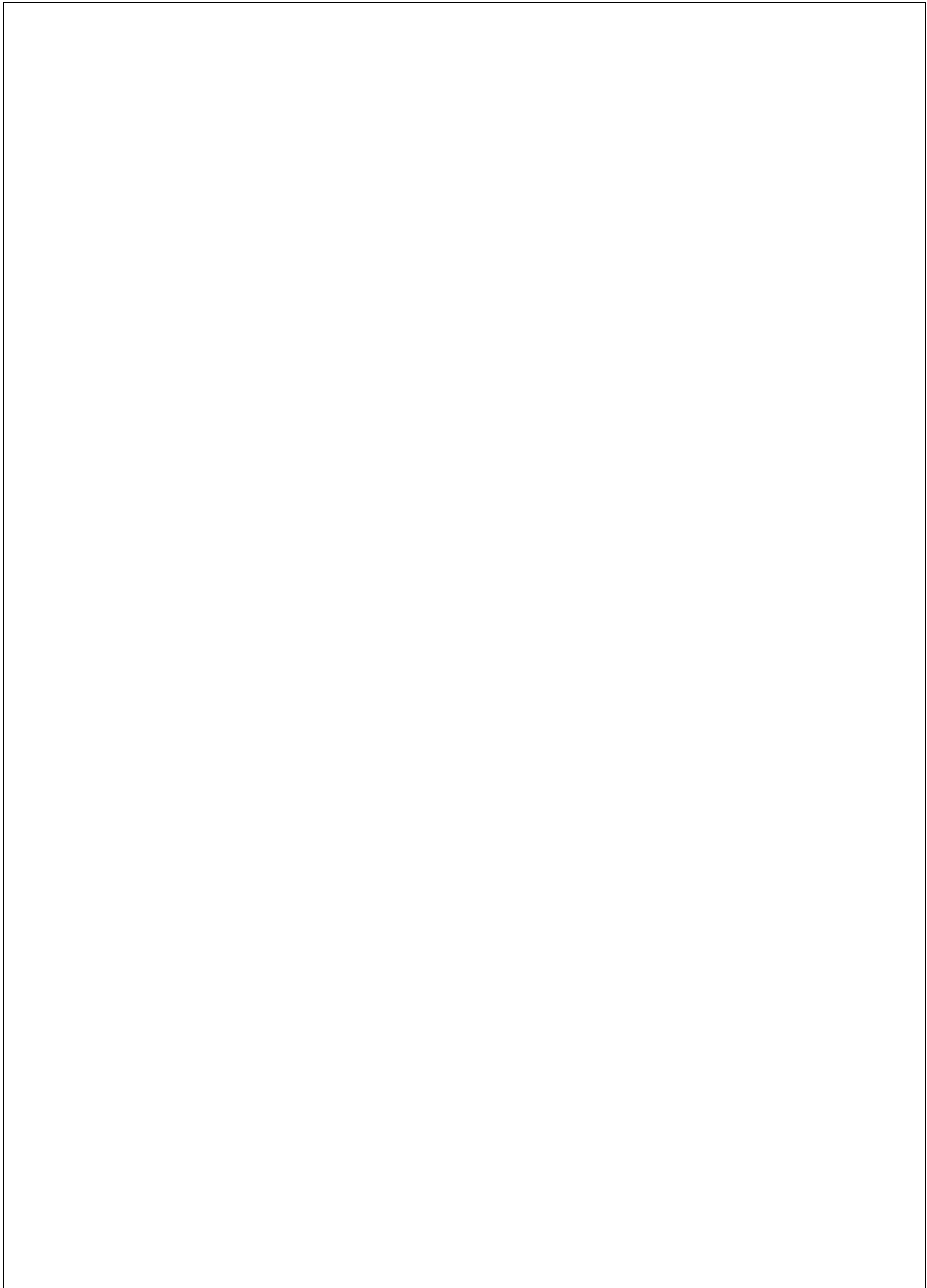
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EXPERIMENT NAME:	EXPERIMENT NO: 4
GOAL:	
GENERAL INFORMATION:	



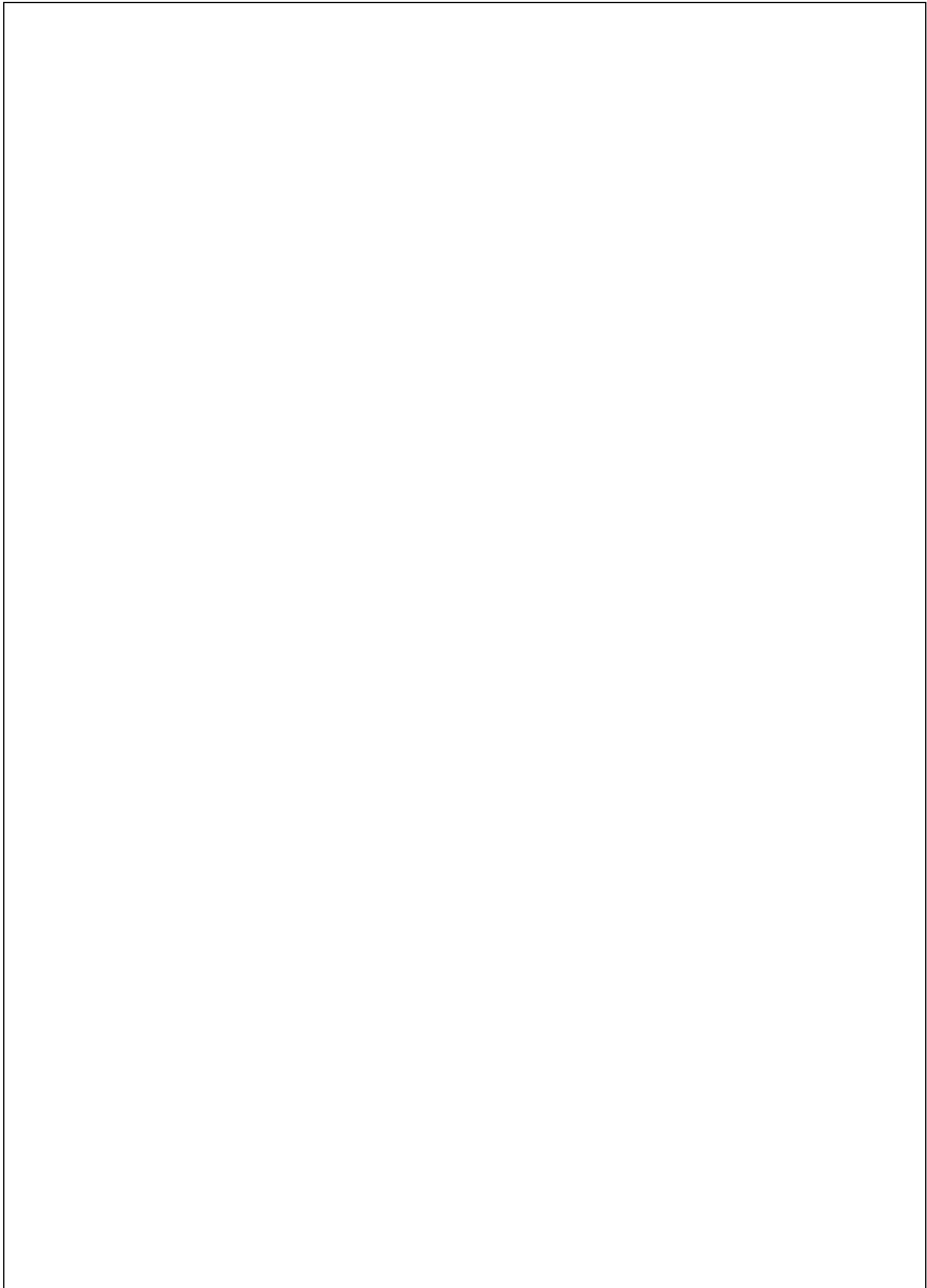


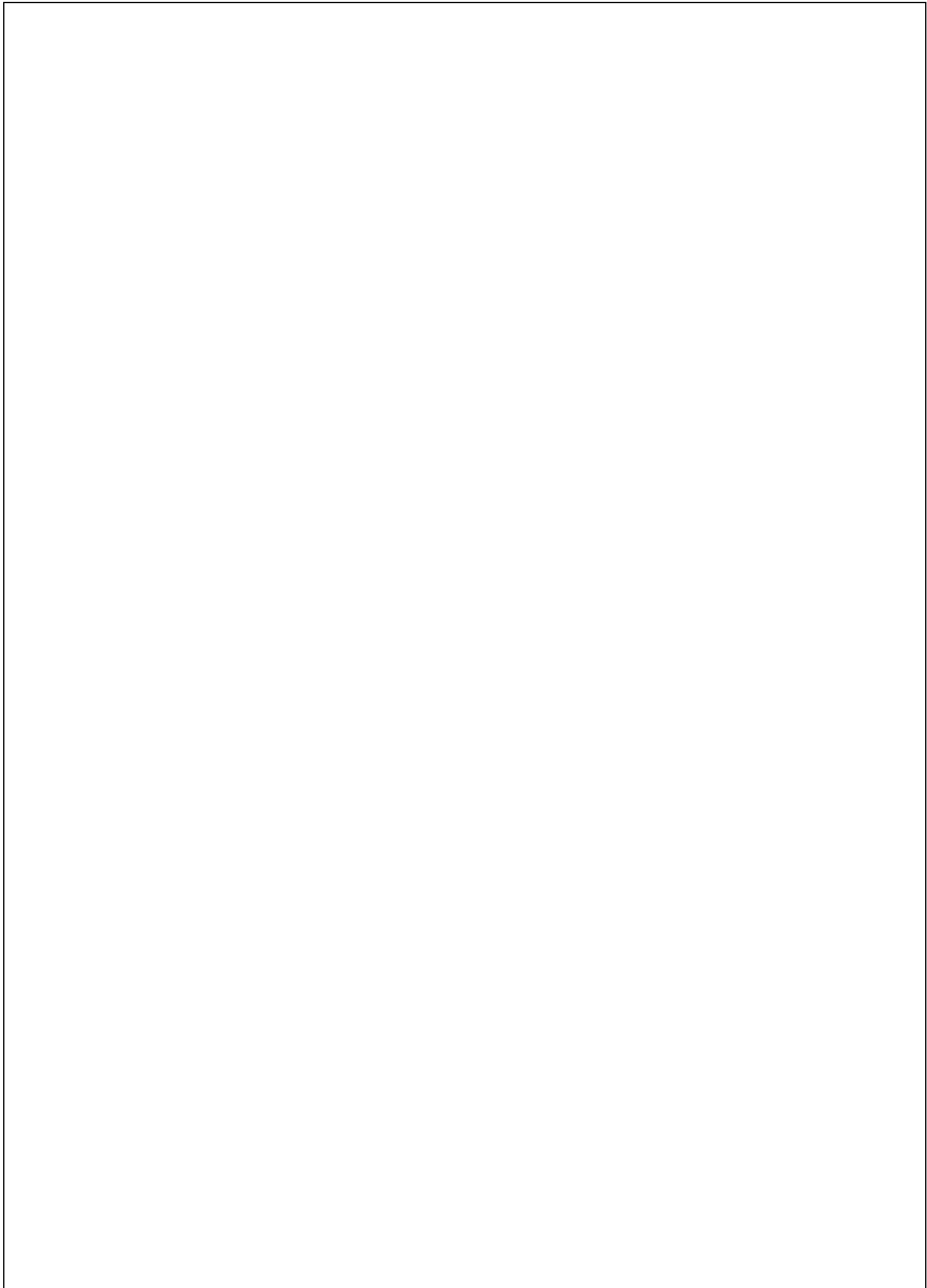
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EXPERIMENT NAME:	EXPERIMENT NO: 5
GOAL:	
GENERAL INFORMATION:	



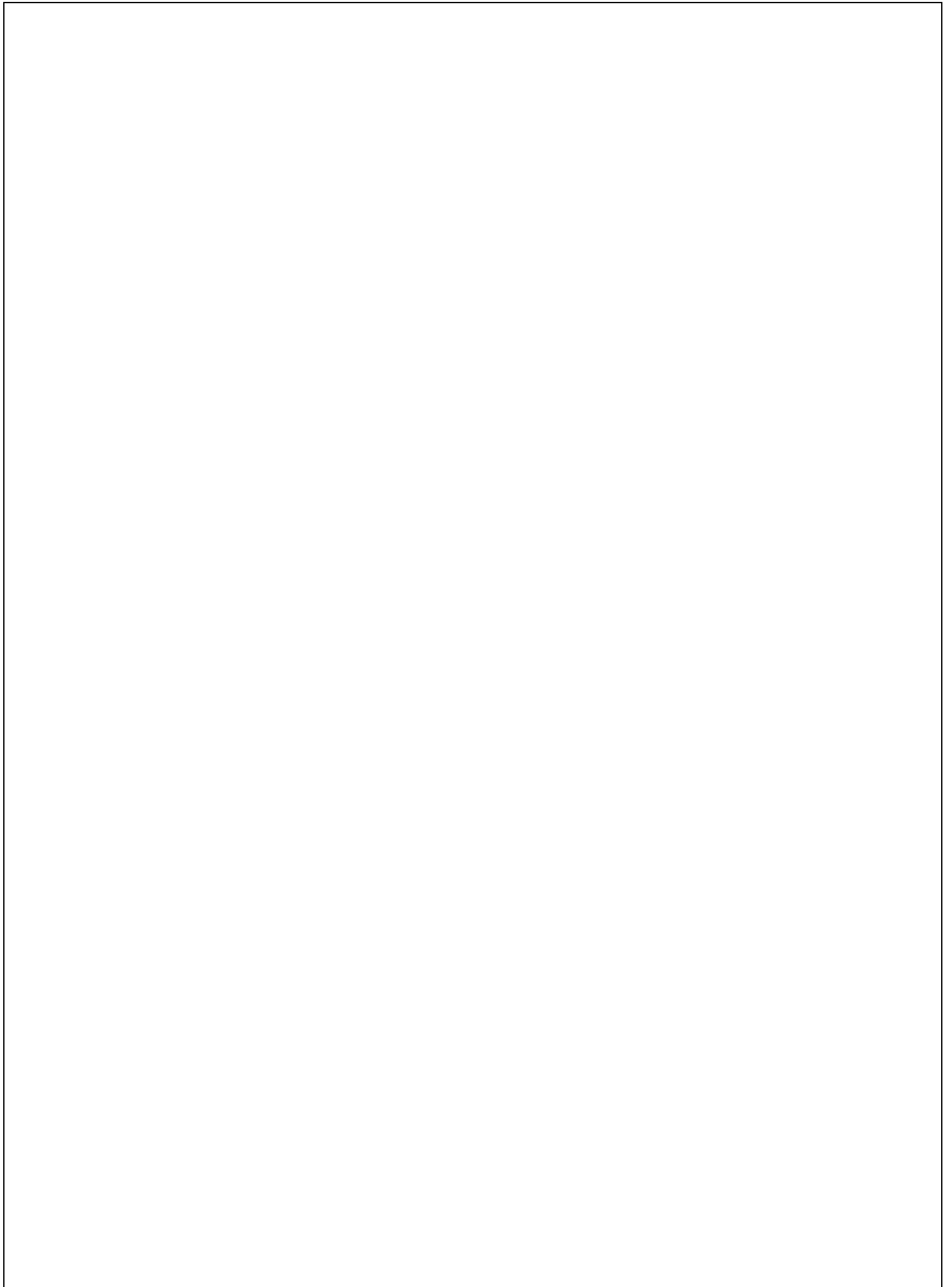


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GOAL:	
GENERAL INFORMATION:	



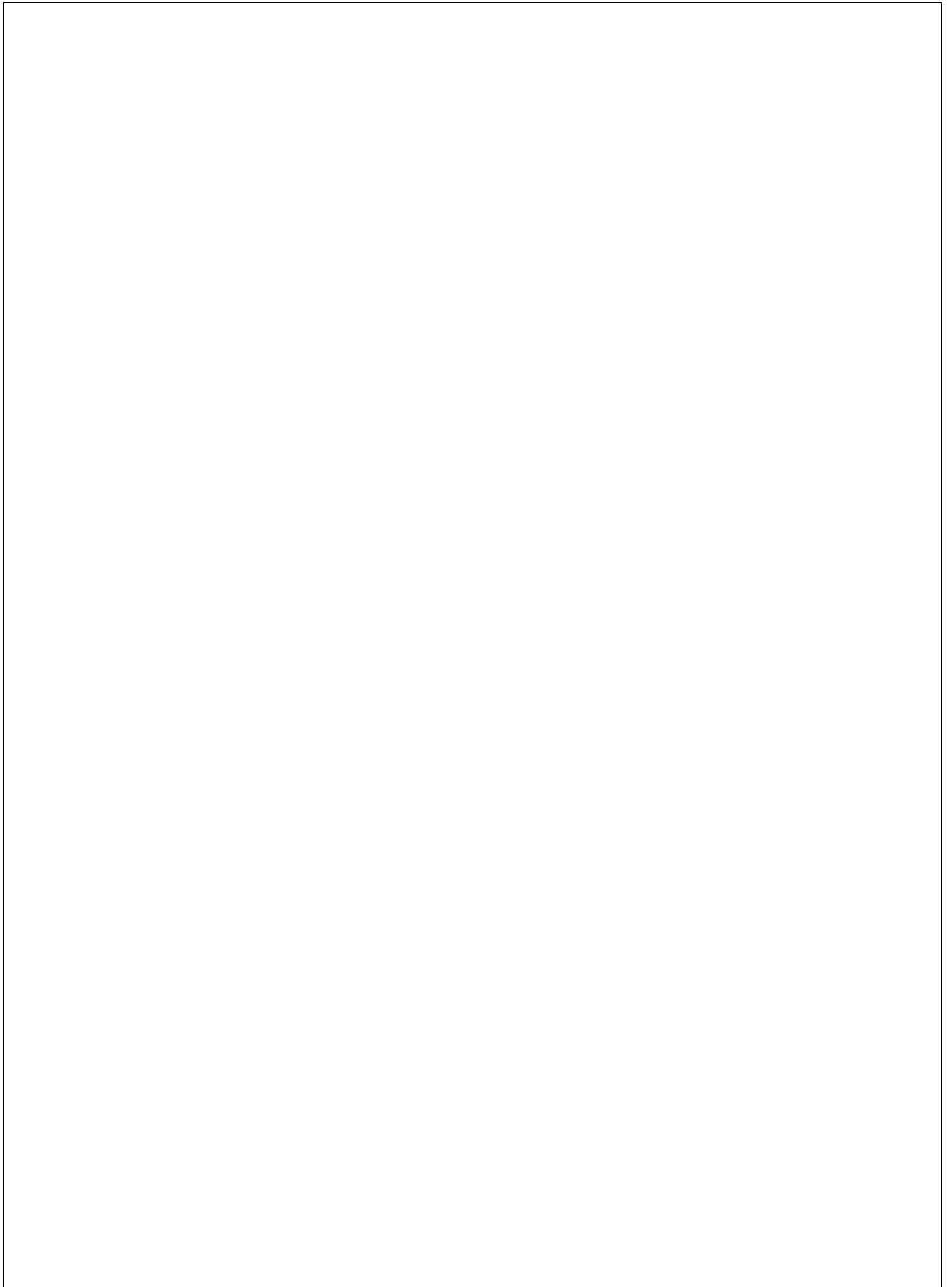
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EXPERIMENT NAME:	EXPERIMENT NO: 7
GOAL:	
GENERAL INFORMATION:	



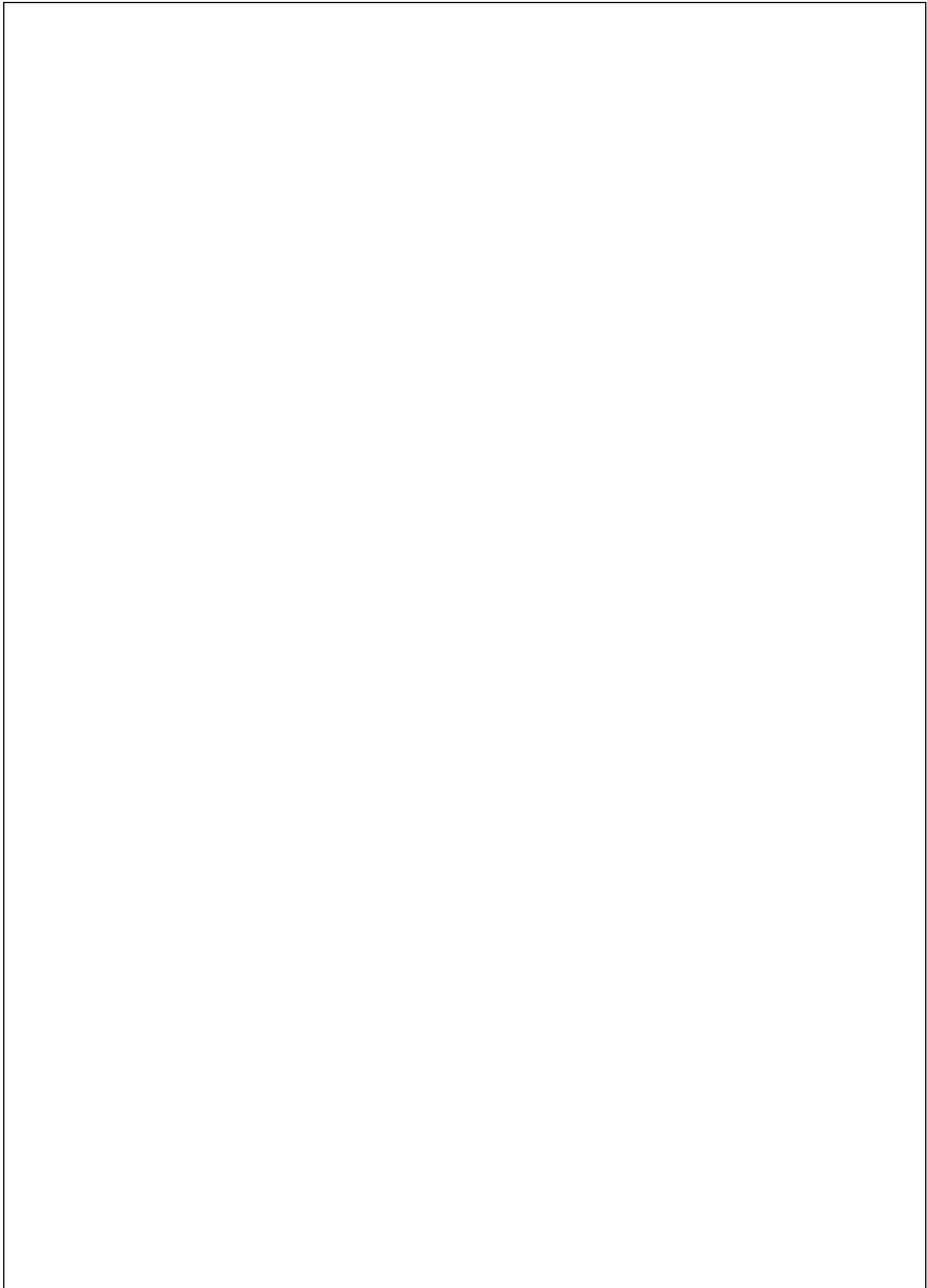
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EXPERIMENT NAME:	EXPERIMENT NO: 8
GOAL:	
GENERAL INFORMATION:	



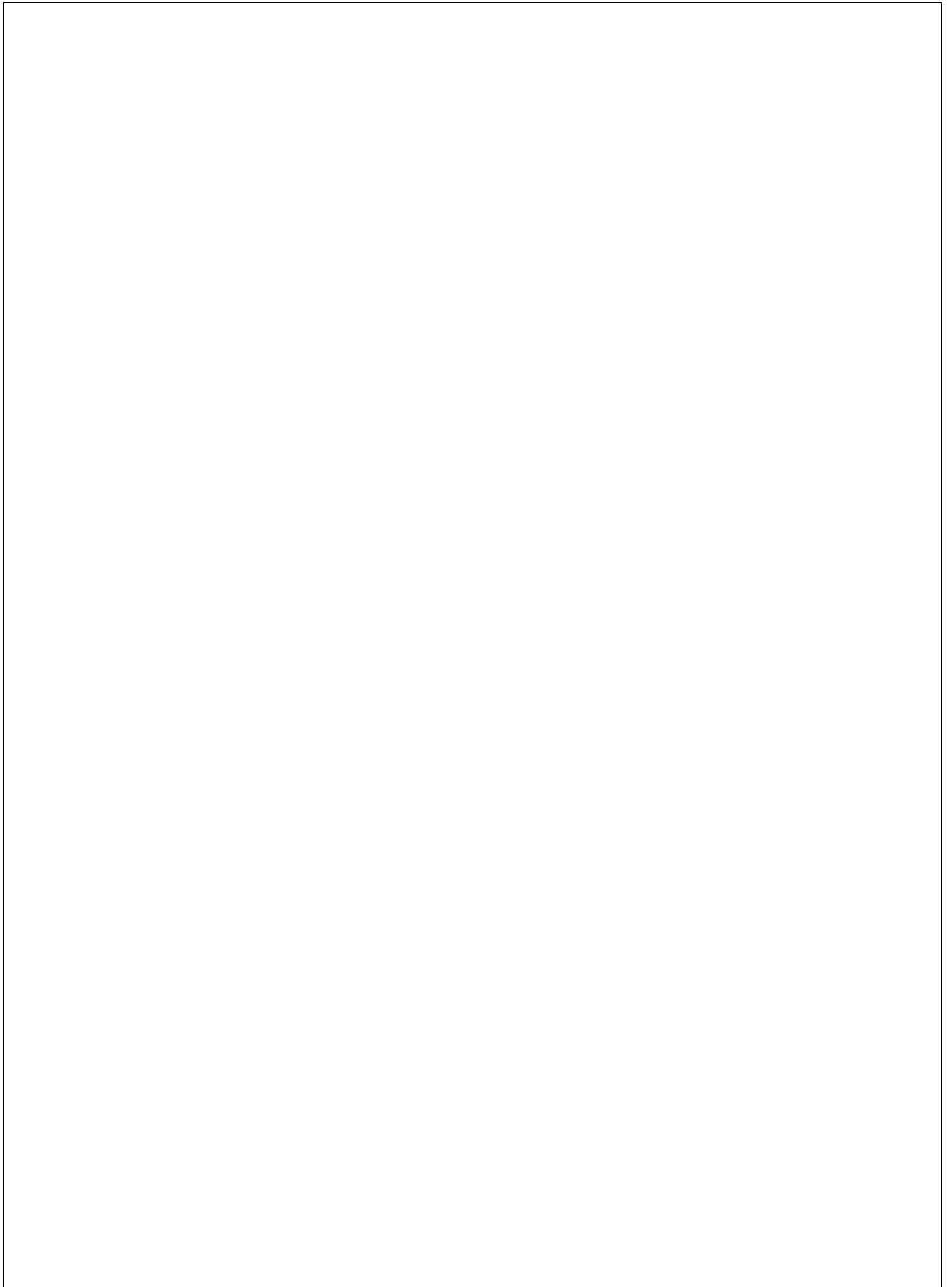
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EXPERIMENT NAME:	EXPERIMENT NO: 9
GOAL:	
GENERAL INFORMATION:	



CALCULATIONS and RESULTS:

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SIGNATURE:

