Approval Form (1B)
A completed form is required for each student, including all team members.

1.	To	Be	Comp	leted	by	Student a	and	Pare	ent

- a. Student Acknowledgment:
 - I understand the risks and possible dangers to me of the proposed research plan.
 - I have read the ISEF Rules and Guidelines and will adhere to all International Rules when conducting this research.
 - I have read and will abide by the following Ethics statement

Student researchers are expected to maintain the highest standards of honesty and integrity. Scientific fraud and misconduct are not condoned at any level of research or competition. Such practices include but are not limited to plagiarism, forgery, use

competition in affiliated fairs and ISEF. Victoria McGuigan	Witness	07/06/19		
Student's Printed Name	Signature	Date Acknowledged (n (Must be prior to experi		
		and the risks and possible dangers involved in the ail participating in this research.		
Alice McGuigan		07/06/19	07/06/19	
Parent/Guardian's Printed Name	Signature		Date Acknowledged (mm/dd/yy) (Must be prior to experimentation.)	
	ior SRC/IRB APPRO\	VAL. Sign 2a or 2b as appropriate.)		
	ior SRC/IRB APPROV			
(Required for projects requiring projects a. Required for projects that need prior Si	ior SRC/IRB APPROV	b. Required for research conducted at all Regulate		
a. Required for projects that need prior SF BEFORE experimentation (humans, veri hazardous biological agents). The SRC/IRB has carefully studied this project.	C/IRB approval ebrates or potentially et's Research Plan/	b. Required for research conducted at all Regulate Institutions with no prior fair SRC/IRB approva This project was conducted at a regulated research in (not home or high school, etc.), was reviewed and approval.	stitution roved by the	
a. Required for projects that need prior SP BEFORE experimentation (humans, veri hazardous biological agents).	RC/IRB APPROVERS APPROVERS APPROVED TO SECULATE APPROVED TO SECURATE APP	b. Required for research conducted at all Regulate Institutions with no prior fair SRC/IRB approva This project was conducted at a regulated research in (not home or high school, etc.), was reviewed and approper institutional board before experimentation and	stitution roved by the d complies	
a. Required for projects that need prior SF BEFORE experimentation (humans, veri hazardous biological agents). The SRC/IRB has carefully studied this project Project Summary and all the required forms signature indicates approval of the Research before the student begins experimentation.	RC/IRB APPROVERS APPROVERS APPROVED TO SECULATE APPROVED TO SECURATE APP	b. Required for research conducted at all Regulate Institutions with no prior fair SRC/IRB approva This project was conducted at a regulated research in (not home or high school, etc.), was reviewed and approper institutional board before experimentation an with the ISEF Rules. Attach (1C) and any required institutional board before experimentation and with the ISEF Rules.	stitution roved by the d complies	
a. Required for projects that need prior SF BEFORE experimentation (humans, veri hazardous biological agents). The SRC/IRB has carefully studied this project Project Summary and all the required forms signature indicates approval of the Research	RC/IRB APPROVERS APPROVERS APPROVED TO SECULATE APPROVED TO SECURATE APP	b. Required for research conducted at all Regulate Institutions with no prior fair SRC/IRB approva This project was conducted at a regulated research in (not home or high school, etc.), was reviewed and approper institutional board before experimentation an with the ISEF Rules. Attach (1C) and any required insapprovals (e.g. IACUC, IRB).	stitution roved by the d complies	

SRC Approval After Experimentation and Bef I certify that this project adheres to the approv		
Regional SRC Chair's Printed Name	Signature	Date of Approval (mm/dd/yy)
State/National SRC Chair's Printed Name (where applicable)	Signature	Date of Approval (mm/dd/yy)