

<b>Team #:</b>	P16104	<b>Team Name:</b>	Microfluidic Spectroscopy in CubeSats
<b>Date:</b>	4/14/2016 9:33	<b>Document Owner:</b>	Mallory Rauch
<b>Revision #:</b>	1		

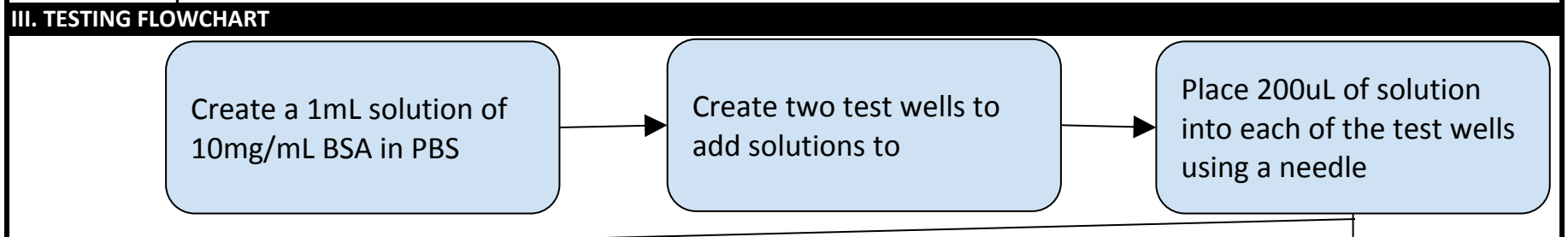
Subsystem/ Function/ Feature Name: Protein Quality Testing  
Date of Test: 2/9/2016  
Performed By: \_\_\_Andrea Mazzocchi, Matthew Glazer, James Lewis, Darin Berrigan, August Allen, Mallory Rauch\_\_\_  
Tested By:

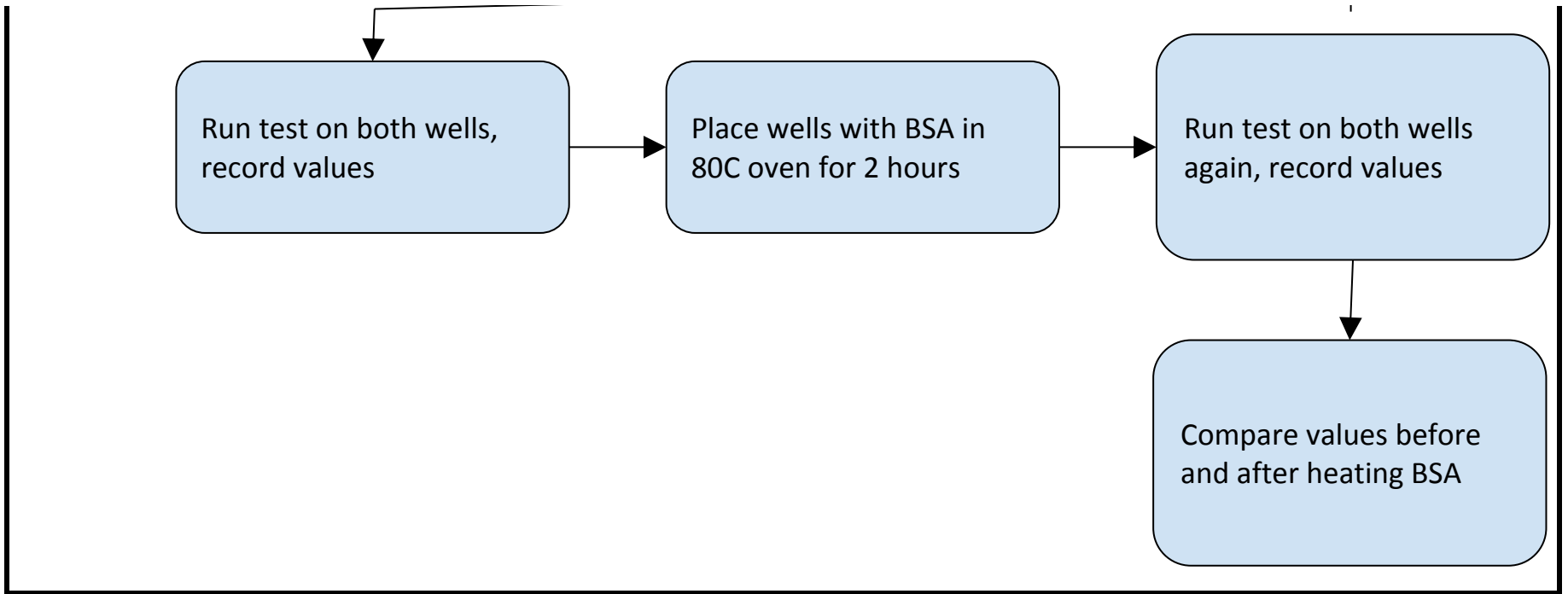
Concluded Condition of meeting Engineering Specification N/A

<b>I. TESTING SPECIFICATION</b>								
Specification Number	Importance	Source	Function	Specification (Metric)	Unit of Measure	Max Value	Min Value	Comments/Stat
ER 9, ER 10, ER 12, ER 13, ER 14, ER 15	9	PRP	System	Voltage	Volts	5	0	

<b>II. EQUIPMENT REQUIRED</b>	
Specification Number	Equipment or Instrumentation required
ER 9, ER 10, ER 12, ER 13, ER 14, ER 15	PDMS assembly equipment, BSA and PBS, created electrical system

<b>III. DATA COLLECTION STRATEGY</b>	
Specification Number	Data acquisition strategy
ER 9, ER 10, ER 12, ER 13, ER 14, ER 15	The purpose of this test is to ensure that when tested in our device, the fully intact proteins output a different voltage than denatured proteins.





## V. RESULTS

**VI. CONCLUSION**