

<b>Team #:</b>	P16104	<b>Team Name:</b>	Microfluidic Spectroscopy in CubeSats
<b>Date:</b>	2/24/2016 22:26	<b>Document Owner:</b>	Mallory Rauch
<b>Revision #:</b>	1		

Subsystem/ Function/ Feature Name:	3-Methylindole Testing
Date of Test:	
Performed By:	__Andrea Mazzocchi, Matthew Glazer, James Lewis, Darin Berrigan, August Allen, Mallory Rauch, Anna Jensen__
Tested By:	

Concluded Condition of meeting Engineering Specification	N/A
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**I. TESTING SPECIFICATION**

Specification Number	Importance	Source	Function	Specification (Metric)	Unit of Measure	Max Value	Min Value	Comments/Stat
ER 5	9	PRP	System	Mass	mg	2	3	

**II. EQUIPMENT REQUIRED**

Specification Number	Equipment or Instrumentation required
ER 5	3-methylindole, AxioVision software, UV photodiode, PDMS test well, filter, UV LED

**III. DATA COLLECTION STRATEGY**

Specification Number	Data acquisition strategy
ER 5	The purpose of this test is to prove that tryptophan fluorescence can be detected by the spectroscopy setup.

**III. TESTING FLOWCHART**

