

PeaPod - Testing Plan

NASA/CSA Deep Space Food Challenge Phase 2

Jayden Lefebvre - Founder, Lead Engineer

Port Hope, ON, Canada

Nathan Chareunsouk - Design Lead

Toronto, ON, Canada

Navin Vanderwert - Design Engineer

BASc Engineering Science (Anticipated 2024), University of Toronto, Toronto, ON, Canada

Jonas Marshall - Electronics Engineer

BASc Computer Engineering (Anticipated 2024), Queen's University, Kingston, ON, Canada

Open-source contributions made by:

University of Toronto Agritech

Primary Contact Email: contact@peapodtech.com

Revision 0.1

PeaPod Technologies Inc.

January 9th, 2022

Contents

1	Testing Procedure	2
1.1	Acceptability	2
1.2	Safety of Process	2
1.3	Safety of Outputs	2
1.4	Resource Outputs	2
1.5	Reliability and Stability of Outputs	2
2	Sample Collection Procedure and Schedule	2
3	Hazard Analysis and Critical Control Point (HACCP) Plan	2
3.1	Food Production System Description	2
3.2	Critical Points	2
3.2.1	Critical Point A	2
3.2.2	Critical Point	2
3.3	Standard Test Record	2
3.3.1	Purpose and Summary	2
3.3.2	Safety and Quality	2
3.3.3	Test Processes	2
3.3.4	Closeout	2

1 Testing Procedure

1.1 Acceptability

1.2 Safety of Process

1.3 Safety of Outputs

1.4 Resource Outputs

1.5 Reliability and Stability of Outputs

2 Sample Collection Procedure and Schedule

3 Hazard Analysis and Critical Control Point (HACCP) Plan

3.1 Food Production System Description

3.2 Critical Points

3.2.1 Critical Point A

3.2.2 Critical Point ...

3.3 Standard Test Record

3.3.1 Purpose and Summary

3.3.2 Safety and Quality

3.3.3 Test Processes

3.3.4 Closeout

References