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ISO 9001: 2008 COMPANY  
AFFILIATED TO THE UNIVERSITY OF NOTTINGHAM  
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**DATE:20/05/2017**

**CLIENT:** ADEPT IMPEX PVT LTD

**APPLICATION:** Microwave exposure to neem leaves to get crispy texture.

**TRIAL SETUP:**



**PROCEDURE FOLLOWED:**

1. Take neem leaves as it is without any treatment on tray and place it in microwave oven.
2. Set microwave oven on various intensity for exposure to leaves.
3. Make proper observations and stop the process when leaves becomes crispy and record temperature of leaves after exposure and record the required time for the same.

**TRIAL READINGS AND OBSERVATIONS:**

Sr. No.	Microwave Power (W)	Temperature recorded ( <sup>o</sup> C)	Time required (minutes)	Observations
1	180	55	10	1. The colour of leaves become lightly brownish and dark greenish. 2. The texture of leaves become crispy that easily get crushed by hand.
2	360	68	7	
3	540	80	5	
4	720	84	2.5	
5	900	81	2	

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## BEFORE AND AFTER PICTURES OF TRIALS:

<p>Before Microwave Exposure</p>	<p>After Microwave Exposure</p>

<p style="text-align: center;"></p> <p>This picture is showing the texture of leaves after microwave exposure. It get crushed easily by hand after microwave exposure.</p>	
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*K Komal*

**MISS. KOMAL BHOITE**  
**TESTING INCHARGE**

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**MR. GAURAV MESTRY**  
**CHECKED BY**