


Ash Content Estimation (Muffle Furnace)

<p>Description</p> <p>Make: MAC Scientific Model: MAC-UC 4896 Specification: The ash content is for measure of the amount of specific inorganic components present within a food, such as Ca, Na, K and Cl can be done using this microprocessor based precise digital temperature controlled furnace with temperature working range of 0-1000°C.</p>			
<p>Working principle</p> <p>Organic materials are incinerated at elevated temperatures (550 °C) in a muffle furnace, and inorganic matter (ash) remains. Ash content is measured by weight of inorganic matter remaining.</p>			
<p>Applications</p> <ol style="list-style-type: none"> 1. Food Bussiness Units 2. Food Processing Industries 3. Animal Feed Industries 4. Hotels and Food Restaurants 5. Agro Processing Units 6. Small scale Enterprise 7. Plant products samples 	<p>User instructions</p> <ol style="list-style-type: none"> 1. Sample must be drawn from a homogenous mixture 2. Sample weight to be in range between 2-10g only. 3. Oven dry biomass sample at 105°C is to be used, to eliminate the need for total solids corrections. 		
<p>Contact us</p> <p>(Dr. Mridula Devi Incharge FTL Food Testing Laboratory, ICAR-CIPHET Ludhiana ftlciphet@gmail.com, 0161-2313181)</p>			
<p>Charges</p>			
	Cost , Rs.	GST, Rs.	Total cost, Rs.
Farmers	225 per sample	40/-	265/-
Students	225 per sample	40/-	265/-
Other national laboratories/ R&D organizations	600 per sample	108/-	708//-
Industries	900 per sample	162/-	1062/-