



APCC QUALITY STANDARD

COCONUT SHELL CHARCOAL

1. Scope

This Standard applies for Coconut Shell Charcoal.

2. Raw Materials

2.1. Coconut Shell

The hard ligneous part of mature coconut (fruit) known as endocarp which lies between the husk and the brown skin (testa) of the kernel.

3. Definition of the product

3.1. Coconut Shell Charcoal

The product obtained by charring coconut shells in a limited supply of air.

4. Classification

Coconut shell charcoal shall be of the following two types.

Type 1 - coconut shell charcoal – *pieces*

Type 2 - coconut shell charcoal – *granulated*

5. Description

Typically good charcoal is uniformly black in color, non-lustrous and broken edges should show a shiny surface with conchoidal fracture. When dropped on a cement or metal surface, good pieces give a clear ring.

6. Packaging and Marking

Unless otherwise specified, coconut shell charcoal shall be packed in sacks suitable for safe transportation. They shall be of uniform size containing 50 kg of the material. Each container shall carry a tag / label clearly marked with all details.

7. Organoleptic Properties

The color shall be natural black.

8. Analytical Characteristics

Parameters	Quality Standards
Moisture	<10%
Volatile Matters	15% Maximum
Ash	<2% Maximum (m/m)
Fixed carbon	75% Minimum
Foreign matter	0.5% Maximum
Color	Black