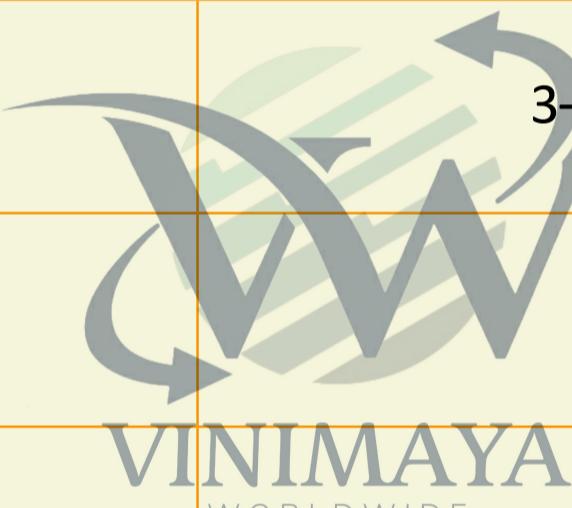


# Black Pepper

## Physical Specification

Parameter	Range/Specification
Appearance	Round, wrinkled berries
Color	Dark brown to black
Size	3–6 mm diameter
Moisture Content	≤ 12%
Purity	≥ 99%
Foreign Matter	≤ 0.5%
Density	500–600 g/L
Admixture	≤ 1%



# Chemical Specification

Parameter	Specification
Piperine Content	$\geq 4\text{--}6\%$
Volatile Oil Content	$\geq 2\%$
Ash Content	$\leq 4\%$
Acid Insoluble Ash	$\leq 1\%$
Pesticide Residue	As per importing country standards
Aflatoxin Levels	$\leq 10 \text{ ppb}$ (As per EU/US norms)
Microbial Load	Compliant with food safety standards

