

# Chilli Powder

## Physical Specification

Parameter	Range/Specification
Appearance	Fine, smooth, and uniform powder
Color	Bright red to deep red
Particle Size	80-100 mesh (customizable)
Moisture Content	8% to 12% max
Capsaicin Content	0.5% to 1.5% (depending on variety)
Ash Content	6% to 8% max
Acid Insoluble Ash	1% max
Foreign Matter	0.5% max
Volatile Oil Content	0.5% to 1.5%
Flavor/Aroma	Spicy, pungent, and aromatic

# Chemical Specification

Parameter	Specification
Moisture Content	8% to 12% max
Capsaicin Content	0.5% to 1.5% (Varies by variety)
Total Ash	6% to 8% max
Acid Insoluble Ash	1% max
Lead Content (Pb)	Lessthan 2.5 ppm
Arsenic Content	Lessthan 1.1 ppm
Pesticide Residue	As per international standards
Microbial Load	As per food safety standards