

## VIETNAM GROUND BLACK PEPPER 1/8 CRACKED

### PHYSICAL CHEMICAL PROPERTIES

Parameters	Unit	Specification	Method of analysis
Particle size, On us 14 mesh	% (m/m) max	10	ASTA Method 10.0
Particle size, Through us 20 mesh	% (m/m) max	10	ASTA Method 10.0
Moisture	% (m/m) max	12	ASTA Method 2.0
Volatile Oil	% (ml/100g) min	1.5	ASTA Method 5.2
Piperine	% (m/m) max	4	ASTA Method 12.1
Total ash	% (m/m) max	7	ASTA Method 3.0

### MICROBIOLOGICAL PROPERTIES

Parameters	Unit	Specification	Method of analysis
Salmonella spp.	/25g	Negative	FDA Bam Chapter 5
TPC	cfu/g, max	50000	FDA Bam Chapter 3
Escherichia. Coli	MPN/g	Negative	FDA Bam Chapter 4
Coliforms	MPN/g, max	100	FDA Bam Chapter 4
Yeasts	cfu/g, max	200	FDA Bam Chapter 18
Molds	cfu/g, max	200	FDA Bam Chapter 18

### MYCOTOXIN PROPERTIES

Parameters	Unit	Specification	Method of analysis
Aflatoxin B1	ppb max	5	DIN EN 14123:2008-03 mod
Aflatoxin Total (B1, B2, G1& G2)	ppb max	10	DIN EN 14123:2008-03 mod
Ochratoxin A	ppb max	15	AOAC 2000.09

**TINMAI JSC**



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