

## VIETNAM BLACK PEPPER GROUND 34 MESH

### PHYSICAL CHARACTERISTICS

Chemical data	Specification	Result	UOM	Method of testing
Aroma	Free from any objectionable odours	Complies	None	Internal
Taste	Pungent and biting	Complies	None	Internal
Colour	Dark grey to black	Complies	None	Internal
Granulation: On US 30	Max 10.0	0.6	%	ASTA Method 10.0
Thru US 60 mesh	Max 75.0	74	%	
Water Activity	0.400 to 0.650	0.505	None	AQUA LAB

### CHEMICAL CHARACTERISTICS

Chemical data	Specification	Result	UOM	Method of testing
Moisture	Max 12.0	11.8	%v/w	ASTA Method 2.1
Total Ash	Max 7.0	4.1	%v/w	ASTA Method 3.0
Acid Insoluble Ash	Max 1.0	0.05	%v/w	ASTA Method 4.0
Volatile Oil	1.35 to 4.0	1.8	%	ASTA Method 5.2
Piperine	4.5 to 6.5	6.1	%	ASTA Method 12.1

### MICROBIOLOGY CHARACTERISTICS

Chemical data	Specification	Result	UOM	Method of testing
Total Plate Count	Max 25,000	22000	CFU/g	FDA Bam Chapter 3
Coliforms	<100	<10	MPN/g	FDA Bam Chapter 4
E-Coli	Negative	Negative	MPN/g	FDA Bam Chapter 4
Yeast	Max 200	160	CFU/g	FDA Bam Chapter 18
Mold	Max 200	150	CFU/g	FDA Bam Chapter 5
Salmonella	Negative	Negative	in 375g	

**TINMAI CO., LTD**



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