

SPECIFICATION OF GINGER ROOT POWDER

	<u>Description</u>	<u>Speciation</u>
1	Appearance	Granular Light Brown Powder
2	Order	Typical Generic
3	Moisture	±10%
4	Ash Content	8% to 10%
5	Solubility	±2.5%
6	Bulk Density	0.8-0.9
7	Packing	25 Kegs. Paper/HDPE
8	Packing Size	2' X 1'.5" X 0'.5"
9	Shelf Life	Two Years from Manufacturing Date
ALSO MANUFACTURE PRODUCT AS PER PARTY'S SPECIFICATIONS		



Ginger and the Immune System

- strong antioxidant
- Antimicrobial (kills bacteria – including salmonella) – internally and topically as an antiseptic
- two natural antibiotics are found in ginger
- contains anti-inflammatory agents
- helps eliminate congestion
- contains zingibain that dissolves parasites and their eggs

- ginger root tea eases some throat pain
- kills cold viruses
- inhibits production of cytokines which cause pain and swelling
- combats chills and fever
- ginger inhibits 5-LO enzymes, the only food for **prostate cancer cells** , prostate cancer cells die in one to two hours without this enzyme
- gingerol (an extract of ginger) inhibits **pancreatic cell growth**
- beneficial to prevent **constipation-related cancer**
- an effective anti-tumor agent in **leukemia cells**
- an extract of ginger causes **lung cancer cell death**
- gingerols inhibited the growth of Helicobacter pylori associated with dyspepsia, peptic ulcer disease and the development of **gastric and colon cancer**
- ginger extract raises significantly the thymus index, spleen index, percentage of phagocytosis, and thus improves the immunologic function relating to **tumors**
- gingerol inhibits cell adhesion, invasion, motility and activities of **breast cancer cell lines**
- gingerol induces viability reduction (killed) **gastric cancer cells**
- a ginger extract causes apoptosis (cell death) of **breast carcinoma cells**
- ginger inhibits cell growth and modulates angiogenic factor in **ovarian cancer cells**
- 6-shogaol (component of ginger) induces cell death in **colorectal carcinoma cells**
- compounds of ginger inhibits proliferation (stops growth) of **ovarian cancer cells**
- a component of ginger suppresses **metastasis (stops the spread) in any type of cancer cell including leukemic, skin, kidney, lung, and pancreatic cancer cells** - one of the most exciting and powerful health benefits of ginger!