



Vintage

Grade: Food, Photo and Technical

The Product

Vintage is the latest addition to the broad portfolio of ABCTL's specialty grade chemicals. The main use for the chemical is as an antioxidant or anti-microbial. Being a powerful antioxidant, it helps in preserving the color as well as the flavour of food. Vintage has an added advantage of not contributing sodium to the diet. It is a component of certain photographic developers and solutions used in photographic fixing.

Applications

- **Wine Industry** - Prevents the growth of microorganisms, potent antioxidant, protects color and delicate flavors of wine
- **Beer Industry** – Inhibits the growth of wild yeasts, bacteria and fungi, removes chloramines which can cause phenolic off flavors in beer
- **Photography and film** - For developer solution and acidifying fixing baths
- **Food** - As a preservative and anti-microbial agent for dehydrated fruits, vegetables, shrimps & prawns
- **Pharmaceuticals** - In pharmaceutical intermediates and production of vitamins

Chemical Specifications

Molecular Formula	K ₂ S ₂ O ₅ {Potassium metabisulphite}	
Appearance	Physical State	Crystals
	Color	White
Odour	Feeble of sulphur dioxide	
Melting Point	150 C	
Specific gravity on loose product	1.20 kg/dm ³	
Solubility in water	450 g/l H ₂ O at 20°C	
pH	3.5 - 4.5 (solution 5%)	

**Specifications conforms to FCC VII Codex, FDA, BP*

Handling

- **Packaging** – Available in packs of 1 Kg & 25 Kgs
- **Storage** – Store the product in a cool & and dry place. It absorbs moisture & oxidizes if container is not kept tightly closed. If heated over 60 degrees Celsius, SO₂ is evolved forming Potassium Sulphite.



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