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Potassium Metabisulphite

Product Specification Sheet

Name : Potassium Metabisulphite
Grade : Food
Description : Potassium Metabisulphite is a free flowing crystalline powder With odour of SO₂
Formula : K₂S₂O₅
Synonyms : Anhydrous Potassium Bisulphite, Potassium Pyrosulphite, Potassium disulphite
Molecular weight : 222.33
Bulk Density : 1.2-1.3 kg/dm³
Appearance : White free flowing crystalline powder
Appearance of 20% Solution : Clear & Colorless or Pale yellow.
CAS NO : 16731-55-8

Specification :

Assay	%w/w	97.2 Min.	Iron (as Fe)	ppm	10.0 Max.
Lead	ppm	2.0 Max.	Selenium	ppm	5.0 Max.
Thiosulfate		Not more than 0.1 %			
Water insoluble	%w/w	Dissolve 20 g of the sample in 200 ml of water. The solution should be Clear with only a trace of suspended matter.			
Solubility		Freely soluble in water; insoluble in ethanol			
Test for potassium		Passes test	Test for sulfite		Passes test

Specs. Conforms to the FCC VII codex

The above mentioned Values are according to the requirements of :

FDA ---- Food & Drug Administration of Thailand.

FCC ---- Food Chemical Codex. USA

BP ---- British Pharmacopoeia. England.

ANALYSIS METHODS :

The indicated values are determined according to our Standard Analysis method, which can be produced on request.

STANDARD PACKING :

- 25 Kgs Polypropylene Woven/paper bags with hest sealed inner liner.
- 500 Kgs and 1000Kgs Jumbo Bags.

STORAGE & HANDLING

Store the product in a cool & and dry place. It absorbs moisture & oxidizes if container is not kept tightly closed. If heated over 60 ° C, SO₂ is evolved. Forming Potassium sulphite.

For more information kindly refer to the Material Safety Data Sheet .

MAJOR APPLICATIONS POTASSIUM METABISULPHITE :

- Wine industry for prevent growing of microorganisms, potent antioxidant, protecting color and delicate flavors of wine
- Beer industry for inhibit the growth of wild yeasts, bacteria and fungi, remove chloramines which can cause phenolic off flavors in beer.

This Technical date sheet Identified as TDA/SM/ 0803. Cancels & replaces all previous editions.

The data contained herein are given purely as a guide. We undertake no responsibility either for the results deriving from their adoption or for possible position in apparent contrast with existing patent right.

Prepared By : Q.C. Department

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