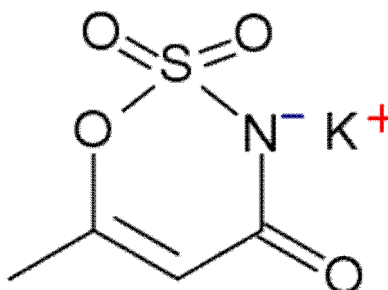


M/S. BIMAL PHARMA PVT. LTD . MUMBAI (INDIA)	FINISHED PRODUCT INFORMATIONS
QUALITY CONTROL AND ASSURANCE	PRODUCT : Acesulfame Potassium (Acesulfame – K)
MSDS no. BPPL 131 (Available on Request)	SPECIFICATION NO. FP- 131 (Enclosed)

1. **NOMENCLATURE** : 6- Methyl -1,2,3 – Oxathiazine -4(3H) –one- 2 , 2-Dioxide Potassium Salt.
: 3,4 – Dihydro-6-Methyl-1,2,3 Oxathiazine – 4- One-2,2- Dioxide Potassium Salt.
2. **CAS NO.** : 55589-62-3
3. **EMPIRICAL FORMULA** : C₄H₄KNO₄S
4. **MOL. WT.** : 201.24

5. **STRUCTURAL FORMULA** :



6. **DESCRIPTION** : White, Odorless, Free Flowing Crystalline Powder.
: Scentless white crystalline powder with strong Sweet Taste .
: Freely soluble in Water;
: Very slightly soluble in Ethanol.
7. **THERAPEUTIC USE** : Used in Foods, Beverages and Pharmaceutical Products in over 100 countries around the world.
: It enhances and intensifies flavors.
: Acesulfame Potassium can provide a synergistic sweetening effect when combined with Caloric and non-Caloric Sweeteners).
: It does not promote tooth decay .
: It is calorie – free and suitable for diabetics .
: Used in Chewing Gum, Instant Coffee , Milk Products, Baked Foods and variety of foods, for flavoring , particularly, in Soft Drinks.

M/S. BIMAL PHARMA PVT. LTD . MUMBAI (INDIA)	FINISHED PRODUCT PHARMACOPOEIAL SPECIFICATIONS
QUALITY CONTROL AND ASSURANCE	PRODUCT : Acesulfame Potassium (Acesulfame – K)
MSDS no. BPPL 131 (Available on Request)	SPECIFICATION NO. FP-131

1. **DESCRIPTION** : White, Odorless, Free Flowing Crystalline Powder.
: Scentless white crystalline powder with strong Sweet Taste .
2. **SOLUBILITY** : Freely soluble in Water;
Very slightly soluble in Ethanol and in Acetone .
3. **IDENTIFICATION** : A) By IR
B) By TLC
C) Test for Potassium
D) Test for Precipitation
4. **CLARITY & COLOUR OF SOLUTION
(Appearance Of Solution)** : 20% Solution in Water is Clear and Colourless .
5. **HEAVY METALS** : NMT 5 ppm
6. **PH** : 5.5 – 7.5
(1% Solution)
7. **ORGANIC IMPURITIES** : Less than 20 ppm .
8. **FLUORIDE** : NMT 3 ppm
9. **LEAD** : NMT 1 ppm

M/S. BIMAL PHARMA PVT. LTD . MUMBAI (INDIA)	FINISHED PRODUCT PHARMACOPOEIAL SPECIFICATIONS
QUALITY CONTROL AND ASSURANCE	PRODUCT : Acesulfame Potassium (Acesulfame – K)
MSDS no. BPPL 131 (Available on Request)	SPECIFICATION NO. FP- 131

10. **ARSENIC** : NMT 3 ppm
11. **SELENIUM** : NMT 10 ppm
12. **IMPURITY A** : NMT 0.125%
13. **IMPURITY B** : NMT 20 ppm
14. **LOSS ON DRYING** : NMT 1.0 %
(105°C , 2 hr) :
15. **ASSAY** : Bet. 99.0% to 101.0% (ODB)
(Titrimetric Method)
16. **STORAGE** : The material shall be stored in a Cool and dry place so as to avoid excessive exposure to heat.