



MASTERCHEM LIMITED

ACESULFAME K-E 950

SYNONYM: Ace-K; AK-SUGAR; ACESULFAME POTASSIUM
POTASSIUM SALT OF 6-METHYL-1,2,3-OXATHIAZIN-4(3H)-ONE-2,2-DIOXIDE

FORMULA: $KNSO_4NC_4H_4$

W.M: 201.24

CAS: 55589-62-3

GRADE: Q/320582XHP2-1999

DESCRIPTION: IT IS WHITE, ODORLESS, FREELY FLOWING CRYSTALLINE POWDER. HAVING AN INTENSELY SWEET TASTE, APPROXIMATELY 200 TIMES SWEETER THAN SUCROSE (3% SOLUTION). BEING FREELY SOLUBLE IN WATER, AND SLIGHTLY SOLUBLE IN ETHANOL.

SPECIFICATIONS:

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|---------------------------------------|-------------|
| CONTENT OF ACESULFAME-K(AS DRY BASIS) | 99.0-101.0% |
| POTASSIUM | 17.0-21.0% |
| DRY WEIGHT LOSS | 0.5%MAX. |
| PH OF A 1 IN 100 SOLUTION | 6.5-7.5 |
| ARSENIC (AS As) | 3PPM MAX. |
| HEAVY METALS (AS Pb) | 1PPM MAX. |
| LEAD | 0.1PPM MAX. |
| F | 3PPM MAX. |
| SELENIUM | 10PPM MAX. |

USES: USED AS FOOD ADDITIVE.