

## *Specification*

Product Name:	Acesulfame Potassium
Chemical Name:	Potassium Salt of 6-methyl-1,2,3-oxathiazin-4(3H)-one-2,2-dioxide
CAS NO.:	55589-62-3
Chemical Formula:	C <sub>4</sub> H <sub>4</sub> KNO <sub>4</sub> S
Molecular Weight:	201.24
<b>ITEM</b>	<b>SPECIFICATION</b>
Description	White, free flowing crystalline powder. It is freely soluble in water and very slightly soluble in ethanol.
Identification	1--Ultraviolet absorption: $227 \pm 2\text{nm}$ 2--Infrared absorption: positive 3--Precipitation test: yellow precipitation
Assay (on dry basis)	99.0%-101.0%
Loss on Drying (105°C, 2h)	1.0% Max
pH (1% water solution)	5.5-7.5
Organic Impurities	20 mg/kg Max
Fluoride (as F)	3.0 mg/kg Max
Lead	1.0 mg/kg Max
<b>Shelf Life: 36months</b> <b>Package: 25kgs net carton, Super Sack package</b>	
Conclusion: The quality of our Acesulfame Potassium meets the standard of FCC, USP/NF, E950 and FAO/ WHO JECFA. The product is made in China	

Nantong Hongxin Chemical Co.,Ltd.