

## Certificate of Analysis

Product:	Acesulfame Potassium	
Order N.:	DS12351	
Cas No.:	55589-62-3	
Lot No.:	23022302	
Mfg. Date:	FEB,23,2023	
Exp. Date:	FEB,22,2026	
Quantity:	9000KGS	
<b>Item</b>	<b>Specification</b>	<b>Results</b>
Description:	White, odorless, free flowing crystalline powder, having an intensely sweet taste, approximately 200 times sweeter than sucrose(3% solution)	White, odorless, free flowing crystalline powder, having an intensely sweet taste, approximately 200 times sweeter than sucrose(3% solution)
Identification	1)Solubility in water: freely soluble 2)Solubility in ethanol: slightly soluble 3)Ultraviolet absorption: 227±2nm 4)Precipitation test: yellow precipitation 5)Potassium test: positive	Pass Test Pass Test Pass Test Pass Test Pass Test
Assay (on dry basis)	99.0%-101.0%	99.3%
Loss on Drying	1.0% Max	0.070%
pH (1% water solution)	5.5-7.5	6.0
Organic Impurities	20mg/kg Max	<20mg/kg
Impurity A	0.125% Max	<0.125%
Impurity B	20mg/kg Max	<20mg/kg
Fluoride (as F)	3.0mg/kg Max	1.1mg/kg
Heavy Metals (as Pb)	5.0mg/kg Max	<5.0mg/kg
Lead	1.0mg/kg Max	<1.0mg/kg
Arsenic	3.0mg/kg Max	<3.0mg/kg
Selenium	10mg/kg Max	<10mg/kg
Impurity A: 3-oxobutanamide(acetylacemide) Impurity B: 5-chloro-6-methyl-1,2,3-oxathiazin-4(3H)-one 2,2-dioxide Conclusion: The quality of our Acesulfame Potassium meets the standard of FCC, USP/NE, E950 and FAO/ WHO JECFA. The product is made in China Proprietary to Nantong Hongxin Chemical Co.,Ltd . For the intended recipient only and not authorized to disclose or provide to any third-party without Nantong Hongxin Chemical Co.,Ltd's prior express consent.		

南通宏信化工有限公司  
 Nantong Hongxin Chemical Co., Ltd.