

## *Specification*

**Product: Potassium Sorbate Granular**

**CAS number:24634-61-5      Chemical formula:C<sub>6</sub>H<sub>7</sub>KO<sub>2</sub>**

**Issue Date: JAN.01,2019**

Item	Specification
Appearance	White to off- white granular
Odor	Slight characteristic odor
Solubility	Freely soluble in water and practically insoluble in ether
Heat stability	No change in color after heating for 90 minutes at 105 °C
Identification test	(1) Potassium test: Passes Test (2) Test of double bonds: Passes Test (3) UV: conforms with standard spectrum (4) Melting point:133.0~135.0 °C
Assay	99%~101.0%
Alkalinity(as K <sub>2</sub> CO <sub>3</sub> )	≤ 0.8ml of 0.1N hydrochloric acid
Chloride(as Cl)	0.018% max
Sulfate(as SO <sub>4</sub> )	0.038% max
Loss on drying	1.0 % max
Aldehydes (as formaldehyde):	0.1% max
Arsenic (as As)	3mg/kg max
Lead	2mg/kg max
Mercury	1mg/kg max
Heavy metals(as Pb)	10mg/kg max
Total Count Colony	100cfu/g max
Mould&Yeast	100cfu/g max
Coliform	30cfu/g max

**Shelf Life: 24 months**

**Note: The quality meets E202 /FCC /NF 32 standard**

**Special explanation: The product is made in China.**