



宁波王龙科技股份有限公司
NINGBO WANGLONG TECH CO.,LTD.

0574-58126581
0574-62093358
www.wanglong.com

宁波市余姚经济开发区滨海新城朗海北路19号
No 19,Langhai N-Road, Binhai New City Economic
Development Area,YuYao Zhejiang China

Jan 11 of 2018

Sorbic Acid



Product code	01
Quality	FCC IX/USP
Function	Preservative; mold inhibitor
Shelf life	2 years
Chem. Name	2,4-Hexadienoic Acid
Formula	C ₆ H ₈ O ₂
Molecular weight	112.12
CAS-No.	110-44-1
Customs tariff No.	2916-1930
Packaging and storage	Store in tight containers protected from light, preferably at a temperature not exceeding 38
Manufacturer	Ningbo Wanglong Tech Co.,Ltd
Mesh size	60-80 mesh

Parameters	Specification	Test Method
Appearance	Colorless crystals or white crystalline powder	FCC/USP
Heat stability	No discoloration (105°C, 90min)	FCC/USP
Solubility	Slightly soluble in water, soluble in ethanol	FCC/USP
Spectrometry	An isopropanol solution (1 in 4000000) shows absorbance; maximum at 254±2nm	FCC/USP
Assay	99.0%-101.0%	FCC/USP
Water	NMT 0.5%	FCC/USP
Melting Range	133.0-135.0 °C	FCC/USP
Residue on ignition	NMT 0.2%	FCC/USP
Aldehyde (as Formaldehyde)	NMT 0.1%	FCC/USP
Arsenic (as As)	NMT 3 mg/kg	FCC/USP
Lead(Pb)	NMT 2 mg/kg	FCC/USP
Mercury(Hg)	NMT 1 mg/kg	FCC/USP
Heavy metals (as Pb)	NMT 10 mg/kg	FCC/USP
Sulphated ash	NMT 0.2%	FCC/USP

Signature by