



XI'AN HARMONIOUS NATURAL BIO-TECH CO.,LTD

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Certificate of Analysis

Product Name: Sorbic acid

CAS

No: 22500-92-1

Batch No.: HNB20211017

Manufacture Date: Oct., 17th, 2021

Analysis Date: Oct., 18th, 2021

Expiry

date: Oct., 16th, 2023

Storage : Store in cool&dry place, in well-closed containers.

Shelf life: 24 Months when properly stored.

Item	Standard	Result
Appearance	White Granular	Complies
Assay (%)	98.0-101.0	99.80%
Free Acid (as Sorbic Acid)	About 1%	1.2%
Free Alkali (as K ₂ CO ₃)	About 1%	1.1%
Melting range	133-135°C	133.6°C
Loss on drying (%)	≤1.0	0.4
PH-Value	8.5-10.5(10% water solution)	9.2
Heavy metal (Pb) (%)	<10ppm	Complies
Alkalinity (as K ₂ CO ₃)	Passes test (about 1%)	Complied
Acidity (as sorbic acid)	Passes test (about 1%)	Complied
Arsenic	≤ 2ppm	Complied
Lead	≤ 2ppm	Complied
Sulfate (as SO ₄) %	≤ 380ppm	Complied
Aldehydes (as for maldehyde)	≤ 0.1%	Complied

QC MANAGER:

王翠娟

INSPECTOR:

杨恩逸



ANALYST:

杜静