

CERTIFICATE OF ANALYSIS

Product: Sorbic Acid

Botanical Name/INCI: SORBIC ACID

Lot No: BPCSA062023

Best Before: JUNE, 2026

Origin: CHINA

CAS No.: 110-44-1

Item	Specification	Result
Appearance	white to off-white crystalline powder or granular	white crystalline powder
Odor	Slight characteristic odor	Passes
Identification test	(1) Test of double bonds: Passes Test (2) UV: conforms with standard spectrum	Passes
Heat stability	No change in color after heating for 90 minutes at 105 °C	Passes
Transmittance	97.0% min	98.2%
Assay	99% ~ 101.0%	99.3%
Melting Temperature	133°C ~ 135°C	133.0°C ~ 134.0°C
Water	0.5% max	0.3%
Residue on Ignition	0.2% max	<0.2%
Aldehydes (as Formaldehyde)	0.1% max	<0.1%
Sulfate	0.02% max	<0.02%
Chloride	0.014% max	<0.014%
Arsenic (as As)	2mg/kg max	<2mg/kg
Lead	2mg/kg max	<2mg/kg
Mercury	1mg/kg max	<1mg/kg
Heavy Metals (as Pb)	10mg/kg max	<10mg/kg
Total Count Colony	100cfu/g max	<100cfu/g
Mould & Yeast	100cfu/g max	<100cfu/g
Coliform	30cfu/g max	<30cfu/g

This product is a 100% pure and natural product. It does not contain any artificial ingredients or adulteration of any kind to the best of our knowledge. The analysis and statements herein constitute the most complete information available to Botanic Planet Canada Inc. Please refer to all relevant technical information specific to the product, prior to use. This information contained in this material safety Data sheet is obtained from current and reliable sources. As an ordinary or otherwise user(s) of this product is outside the control of Botanic Planet Canada Inc., no representation or warranty, expressed or implied is made as to the effect(s) of such use (s) (including damages or injury) or any obtained. Botanic Planet Canada Inc. expressly disclaims responsibility as to the ordinary or otherwise uses. Furthermore Botanic Planet Canada Inc. makes no claims as to the fitness for any use, and you should consider nothing container herein as a recommendation. The Liability of botanic Planet Canada Inc. is limited to the value of the goods and does not include any consequential loss. In the event of any dispute, the Customer hereby agrees that Jurisdiction is limited to the province of Ontario Canada.

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