



Botanic Planet

Your Supplier for Essential Oils & Botanicals Canada Inc.

Certificate of Analysis

Product name:	Sorbic Acid FCCVIII/E200	
Order No.:	75678C0A	
Lot No.:	21090201	
Manu. Date:	SEP,02.2021	
Expi. Date:	SEP,01.2024	
Quantity:	4500KGS	
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
Conclusion: The quality meets E200 standard and FCC standard.		
Special explanation: The product is made in China. 浙江瑞德化工有限公司		

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