

CERTIFICATE OF ANALYSIS

**POTASSIUM SORBATE FOOD GRADE FIC BRAND**

Specification		
Items	Standard	Result
APPEARANCE	WHITE GRANULAR	WHITE GRANULAR
ASSAY	99.0-101.0%	100.38%
FREE ACID (AS SORBIC ACID)	< 1%	< 1%
FREE ALKALI (AS K <sub>2</sub> CO <sub>3</sub> )	< 1%	0.47%
HEAVY METALS (AS PB)	≤ 10 PPM	LESS THAN 10 PPM
ARSENIC (AS AS)	≤ 3 PPM	LESS THAN 10 PPM
LOSS ON DRYING	≤ 1.0%	0.35%
LEAD	≤ 2 PPM	NONE
MERCURY	≤ 1 PPM	NONE
ALDEHYDES	< 0.1%	< 0.1%
CHLORIDE (AS CI)	≤ 0.1%	< 0.1%
<b>Result</b>		<b>Pass</b>