



Life Chemicals Group  
L.C.G

**Industrial Chemicals**

**Solvents - Plasticizers**

**Glycols - Hydrocarbons**

**Ketones & other Chemicals**

## CERTIFICATE OF ANALYSIS

Potassium Sorbate

ITEM	E202	RESULT
Appearance	WHITE GRANULAR OR POWDER	CONFORM
HEAT STABILITY	NO CHANGE IN COLOR(105°C,90 MINUTES)	CONFORM
ASSAY	≥99.0%	100.6%
ALKALINITY OR ACIDITY	NOT MORE THAN 1.0%(as Sorbic Acid or K <sub>2</sub> CO <sub>3</sub> )	PASS TEST
LOSS ON DRYING	≤1.0%(105°C,3 HOURS)	0.3%
ALDEHYDES	NOT MORE THAN 0.1%,CALCULATED AS FORMALDEHYDE	<0.1%
ARSENIC (as As)	≤3 mg/kg	<3 mg/kg
LEAD	≤2mg/kg	<2 mg/kg
MERCURY	≤1 mg/kg	<1 mg/kg
HEAVY METALS(as Pb)	≤10 mg/kg	<10mg/kg
TEST FOR POTASSIUM	PASS	PASS TEST

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