

## Certificate of Analysis

### (Representative Sample Certificate)

**Product Name:** Potassium Sorbate Prills  
**INCI Name:** Potassium sorbate  
**CAS Number:** 24634-61-5  
**Lot Number:** Not available (data may vary slightly with different lots or batches)  
**Expiration Date:** 24 months from production date

Property	Specification	Analysis
Appearance	White or off-white spherical	Conforms
Assay (dry basis)	99.0 - 101.1%	100.31%
Melting Range (as Sorbic Acid)	132 - 135°C	133.1 - 134.3°C
Loss on Drying	1.0% MAX	0.13%
pH (10% water solution)	8.5 - 1.5 (10% water solution)	9.7
Alkalinity (as K <sub>2</sub> CO <sub>3</sub> )	Passes Test (about 1%)	Pass
Acidity (as Sorbic Acid)	0.001% MAX	Pass
Heavy Metals (as Pd)	0.001% MAX	Pass
Arsenic	3 ppm MAX	Pass
Lead	2 ppm MAX	Pass
Sulfate (as SO <sub>4</sub> ) %	380 ppm MAX	Pass
Organic Volatile Impurities	Meet the requirements	Complies
Chloride	180 ppm MAX	Complies
Heat resistance	No discoloration after heating 90 min at 105°C	Complies
Clarity (Spectrophotometry: solution of 5g/ 20ml in water)	Not less than 90%	Complies

The above data was obtained using the test indicated and is subject to the deviation inherent in the test method. Results may vary under other test methods or conditions. This report is not to be signed. All data are as per our supplier.

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