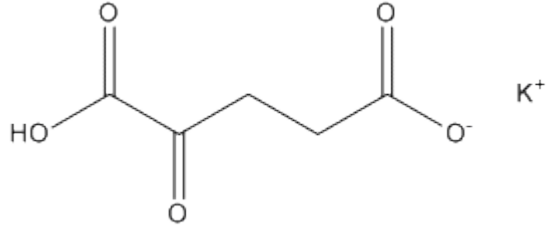


## Certificate Of Analysis

**Name:** Potassium hydrogen 2-oxoglutarate  
**CAS No.:** 997-43-3  
**Cat No.:** A846074  
**Molecular Formula:** C<sub>5</sub>H<sub>5</sub>KO<sub>5</sub>  
**Molecular Weight:** 184.19  
**Batch No.:** P12062022  
**Mfg.Date:** 2022.06.12  
**Exp.Date:** 2024.06.11



Items	Specifications	Results
Appearance	White to light yellow powder	Conforms
Transmittance (10%H <sub>2</sub> O), %	≥95	96
Loss on Drying, %	≤1.0%	0.36
Assay,%	≥98	99.0
Potassium content, %	20-22	21
Chloride, ppm	≤500	200
Ammonium, ppm	≤500	<100
Heavy metals, ppm	≤10	Conforms
As, ppm	≤1	Conforms
Pb, ppm	≤1	Conforms
Cd, ppm	≤1	Conforms
Hg, ppm	≤0.1	Conforms
Fe, ppm	≤30	Conforms
Total plate count, cfu/g	<1000	Conforms
Yeast/mold, cfu/g	<100	Conforms
E.Coli, cfu/g	Negative	Negative
Salmonella, cfu/g	Negative	Negative
<b>Conclusion</b>	The product tested complies with the specifications.	