

# ASES CHEMICAL WORKS

Brahm Bagh, Jalori Gate Jodhpur - 342001 Rajasthan-India

Ph: +91-9636889954

Email : ecom@ases.in Website : www.ases.in



## CERTIFICATE OF ANALYSIS

1. Name of the Product	Kojic acid
2. INIC Name	2-Hydroxymethyl-5-hydroxy-4-pyrone; 5-Hydroxy-2-(hydroxymethyl)-4H-pyran-4-one
3. Batch Number & Mfg Date	As mentioned on Label
4. Date Of Exp	3 Years from Mfg Date.
5. Date of Analysis	June
6. CAS No.	501-30-4
7. M.F.	C <sub>6</sub> H <sub>6</sub> O <sub>4</sub>
8. M.W.	142.11 g/mol

Test	Result	Specification
Color	off-white	white to light yellow
Form	crystalline powder	crystalline powder
Loss on Drying	0	max. 0.5 %
Melting Point	154 °C	151 to 155 °C
Purity (HPLC)	> 99 area-%	min. 98 area-%
Sulphated Ash	0	max. 0.1 %
Arsenic T traces	2 mg/kg	max. 2 mg/kg
Heavy Metals as Pb	< 20 mg/kg	max. 20 mg/kg (color reaction with thioacetamid)
<sup>1</sup> H-NMR Spectrum	corresponds	corresponds to assigned structure