

OCTAGON CHEMICALS LIMITED

CERTIFICATE OF ANALYSIS

Product name	Calcium 2-oxoglutarate (Cas 71686-01-6)		
Batch No.	20200323	Mfg. date	2020.03.23
Rep. Date	2019.03.26	Exp. Date	2022.03.22
Packaging	25kg/drum	Batch Size	300.5kg
Test Items	Standards: Enterprise		Results
Appearance	White to off-white powder		White powder
Loss of drying	NMT1.0%		0.36%
Calcium content	19.5~22.0%		20.9%
Assay	98.0%~102.0%		99.3%
Chloride	NMT500ppm		300ppm
Heavy metals	NMT10ppm		<10ppm
Fe	NMT30ppm		<30ppm
Methanol	NMT3000ppm		<3000ppm
Ethanol	NMT3000ppm		<3000ppm
Toluene	NMT800ppm		<800ppm
Total plate count	<1000CFU/g		conforms
Yeast/mold	<100CFU/g		Conforms
E.Coli	Negative		Negative
Conclusion	It meets the requirements of Enterprise Standards		
Storage	Store in a well-closed container at ambient temperature		
Prepared by: LI	Reviewed by: WEI	Released by:Zhang	