



HANGZHOU DINGYAN CHEM CO.,LTD

TEL: 86-571-87157530,86465881,88025800, FAX:86-571-87156470

E-Mail:sales@dingyanchem.com,Web: www.dingyanchem.com

CERTIFICATE OF ANALYSIS

NO: DYC191905233

Product name	D- (+)-Gluconic Acid Delta-lactone USP
CAS Number	90-80-2
Molecule Formula	C6H10O6
Batch number	20190413
Manuf.& Exp. Date	2019.04.13; 2021.04.11
Testing date	2019.04.14

Terms	Specifications	Result
Identification	Positive	Pass
Appearance	Fine, White, Crystalline power odorless	Pass
Assay	99.0~100.50%	99.86 %
Water(Karl Fischer method)	≤0.2%	0.09%
Reducing substances(as D-glucose)	≤0.5%	0.1%
As	≤3ppm	0.5ppm
Heavy metals	≤10ppm	2ppm
Lead	≤1ppm	0.2ppm
Sulphate Ash	≤0.1%	0.01%
Solubility	>99.9	99.99
Chloride	≤0.05%	0.005%
Yeast	Max.10/g	1/g
Aerobe	Max.50/g	10/g
Moulog/Mold	Max.10/g	1/g
E. coli	Not available at 10 g	negative
Salmonella	Not available at 25 g	pass
Total count plate	Max.50/g	10/g
Particle size	25—80mesh	98% pass
Conclusion	Confirm to the requirements of USP Standard.	

QUALITY CONTROL:
 Hangzhou Dingyan Chem Co.,Ltd.
 Quality Control
Nicole
 Signature(s)

CHECK:姚仙娟

INSPECTOR: 刘清风

Add: Xiasha 571,19TH Street E-COMMERCE 4A601-602,Jiangan Area, Hangzhou,China