



## NINGXIANG XINYANG CHEMICAL CO., LTD.

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# Calcium lactate

CAS No. : 814-80-2; 5743-48-6 EINECS: 212-406-7; 227-266-2

F.M.:2(C3H5O3) · Ca

Molar mass:218.217

HS Code: 2918110000

Packing:25kgs/20kgs in paper bags with P-E inner bag; 1000kgs in weaving bag with P-E inner bag

Item	GB 1886.21-2016	USP 32	BP Ph Eur Grade	FCC
Characteristics	White granular or powder			
solubility	Soluble in cold water, easily soluble in hot water, insoluble in ethanol, ether and chloroform			
Assay	98.0%-101.0%	98.0%-101.0%	98.0%-102.0%	98.0%-101.0%
Water/loss on drying	≤27.0%	22.0%-27.0%	22.0%-27.0%	22.0%-27.0%
Chloride(as Cl <sup>-</sup> )	≤0.05%	/	≤ 200 ppm	/
Sulfate(as SO <sub>4</sub> <sup>2-</sup> )	≤0.075%	/	≤ 400 ppm	/
Fluoride(as F <sup>-</sup> )	≤0.0015%	/	/	≤0.0015%
Water-solubility Test	Qualified	Qualified	Qualified	Qualified
Free Acid and Free Base Test	Qualified	Qualified	Qualified	Qualified
Volatile Fatty Acid Test	Qualified	Qualified	Qualified	Qualified
Iron salt(as Fe)	≤0.005%	/	≤ 50 ppm	/
Magnesium and Alkali	≤1%	≤1%	≤1%	≤1%
Heavy Metals (as Pb)	≤20mg/kg	≤20PPM	≤ 10 ppm	/
Lead(Pb)	≤10mg/kg	/	/	≤ 2 mg/kg
Arsenical(As)	≤2mg/kg	/	/	/
Storage	preserve in well-closed containers.			