



青 岛 润 昌 化 工 有 限 公 司
QINGDAO SAMIN CHEMICAL CO.,LTD.

SPECIFICATION

Product Name	Calcium Citrate Powder
CAS No	5785-44-4
Molecular Formular	$(C_6H_5O_7)_2 Ca_3 \cdot 4H_2O$
Specification Version	USP32 / E333(iii)
Shelf Life	24months
Package	25kg / bag

ITEM	SPECIFICATION
Characters	Fine, white, odourless powder
Identification	Pass test
Fluoride	$\leq 30\text{ppm}$
Appearance of solution	BY>6
Organic volatile impurities	Passes test
Carbonates	Passes test
Oxalates	$\leq 100\text{ppm}$
Acid insoluble substance	$\leq 0.2\%$
Heavy metals(Pb)	$\leq 5\text{ppm}$
Arsenic(As)	$\leq 1\text{ppm}$
Lead	$\leq 1\text{ppm}$
Mercury	$\leq 1\text{ppm}$
Aluminium	$\leq 20\text{ppm}$
Loss on drying	10.0~13.3%
Particle Size	Min.80% through 100 ~ 180mesh
Assay(as dried)	97.5~100.5%
Calcium content(dry basis)	21.0-23.5%
Microbiology Control	
Total plate count	$\leq 1000\text{cfu/g}$
Yeast&Mould	$\leq 100\text{cfu/g}$

Storage: Store in cool and dry place, in a well-close container, keep away from strong light and heat.