

Product Specification Calcium Citrate Granular - USP Grade

<u>ATTRIBUTES</u>	Specification	Units	Test Methods
CALCIUM	20 - 22	%	ICPMS
CALCIUM CITRATE	97.5 - 100.5	%	USP 24
OVI's	NONE DETECTED	N/D	USP 24
LOSS ON DRYING	10.0 - 13.3	%	USP 24
HEAVY METALS	MAX 20	PPM	USP 24
LEAD	MAX 0.250	PPM	ICPMS
ARSENIC	MAX 1.0	PPM	USP 24
FLUORIDE	MAX 30	PPM	USP 24
ACID INSOLUBLE	MAX 0.2	%	USP 24
MICROBIAL SPECIFICATIONS			
TOTAL PLATE COUNT	MAX 1000	cfu/gm	AOAC
TOTAL COLIFORM	MAX 100	cfu/gm	AOAC
YEAST AND MOLDS	MAX 100	cfu/gm	AOAC
CP STAPH	NEGATIVE	NEG	AOAC
E. COLI	NEGATIVE	NEG	AOAC
SALMONELLA	NEGATIVE	NEG	AOAC
PHYSICAL SPECIFICATIONS			
PARTICLE SIZE			
THROUGH #16 MESH	MIN 100.0	%	USP 24
THROUGH #20 MESH	MIN 99.0	%	USP 24
THROUGH #40 MESH	MIN 60.0	%	USP 24
THROUGH #60 MESH	MIN 10.0	%	USP 24
THROUGH #80 MESH	MAX 10.0	%	USP 24
THROUGH #100MESH	MAX 10.0	%	USP 24
BULK DENSITY			
LOOSE	0.6 - 0.7	g/cc	USP 24
TAPPED	MIN 0.7	g/cc	USP 24
APPEARANCE	WHITE GRANULAR POWDER	TO PASS	VISUAL
FOREIGN MATTER	ABSENT	TO PASS	VISUAL
ODOR	CHARACTERISTIC	TO PASS	OLFACTORY
TASTE	CHARACTERISTIC	TO PASS	GUSTATORY
PRODUCT ID	TEST A	TO PASS	USP 24
	TEST B	TO PASS	USP 24
SHELF LIFE	MIN 2 YERS	TO PASS	ICP &USP 24

PACKAGING:

20 KG PAPER BAG, PALLETIZED AND SHRINK WRAPPED

THIS PRODUCT SHOULD BE STORED SEALED IN A COOL AND DRY PLACE.

DS/o/cal citrate.62402