



## AnMar International Ltd.

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### SPECIFICATION SHEET

#### Calcium Ascorbate

Item Code: 037

Country of Origin: China

Updated: October 2012

TEST ITEMS	SPECIFICATIONS	TEST METHODS
Appearance	White or yellowish crystals or crystalline powder	Visual
Identification	Positive reaction	USP<197M>
pH	6.8 - 7.4	USP<791>
Specific optical rotation	+95° - +97°	USP<781S>
Loss on drying	≤0.1%	USP<731>
Oxalate	To pass	FCC
Assay (Calculated on dried basis)	98.0% - 100.5%	Titration
Fluorides	≤10 ppm	USP
Heavy Metals	≤10 ppm	USP<231>
Arsenic (As)	≤3 ppm	USP<211>
Lead (Pb)	≤2 ppm	USP<251>
Residual Solvent: Methanol	≤3,000 ppm	USP<467>
Microbiology:		
Total aerobic plate count	≤1,000 cfu/g	CP2010<XIJ>
Yeast & mold	≤100 cfu/g	CP2010<XIJ>
E. coli	Negative	CP2010<XIJ>
Salmonella	Negative	CP2010<XIJ>
Staphylococcus aureus	Negative	CP2010<XIJ>
Enterobacteria	Negative	CP2010<XIJ>
Pseudomonas aeruginosa	Negative	CP2010<XIJ>
Conclusion:	The above product conforms to USP33/FCC7	
Shelf Life:	2 years	
Storage:	Preserve in tight, light-resistant containers	
Packing:	In cartons of 25 kgs	

- Kosher certified

Gayathri Vasudevan

Manager, Quality Assurance & Regulatory