



SPECIFICATION

Ascorbic Acid USP Fine Powder - 100 mesh

	Specification	Test Method
<u>Physical Properties</u>		
Appearance	White to yellowish fine powder	Visual
Particle size thru # 100 (%)	≥ 95	Rotap 5 minutes
<u>Analytical</u>		
Assay (As Is, %)	≥ 99.0 ≤ 100.5	USP curr. edit.
Specific rotation (deg)	$\geq +20.5$ $\leq +21.5$	USP curr. edit.
ROI (%)	≤ 0.1	USP curr. edit.
Lead (ppm)	≤ 0.5	ICP-MS
Arsenic (ppm)	≤ 1.5	ICP-MS
Cadmium (ppm)	≤ 0.5	ICP-MS
Mercury (ppm)	≤ 0.2	ICP-MS
<u>Microbiological</u>		
APC (CFU/gm)	≤ 1000	USP curr. edit.
Yeast/mold (CFU/gm)	≤ 100	USP curr. edit.
E. coli (CFU/gm)	Negative	USP curr. edit.
Salmonella (25 gm)	Negative	USP curr. edit.
<u>Storage Conditions</u>		
Storage conditions	Cool dry place sealed in light resistant container	
Shelf life	3 years unopened	
Revision #	Rev 7 05/01/2015	

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