

# Lotioncrafter

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48 Hope Ln

Eastsound, WA 98245

Tel: 360-376-8008

## Specification Sheet

### L-Ascorbic Acid Ultra Fine Powder

Items	Specifications
Appearance	Powder
Color	White to slightly yellow
Solution 5% in water	Clear and colorless
pH of 5% solution in water	2.2 – 2.5
Identity Test A, IR	Complies
Identity Test B, Visual	Complies
Specific Rotation at 20°C, 589nm	20.5 – 21.5
Loss on Drying, %	≤ 0.1
Sulfated Ash, %	≤ 0.1
Heavy Metals, ppm	≤ 10
Lead, ppm	≤ 2
Mercury, ppm	≤ 1
Zinc, ppm	≤ 25
Iron, ppm	≤ 2
Arsenic, ppm	≤ 3
Oxalic Acid, ppm	≤ 0.2
Copper, ppm	≤ 5
Assay: Ascorbic Acid, % as is	99.0 – 100.5
US Std. Sieve Test	
% through No. 100	≥ 100
% through No. 200	95 - 100
Residual Solvents	Meets USP Requirements
<b>Related Impurities</b>	
Impurity C (HPLC)	Max. 0.15 %
Impurity D (HPLC)	Max. 0.15 %
Unspecified Impurities > 0.10 %	Not Present
Total Other than C & D	Max. 0.2 %

Country of Origin: UK

Shelf-life & Storage: 3 years from date of manufacture if the product is stored protected from light and humidity in a sealed container.