

Rocky Mountain Reagents, Inc.
3207 West Hampden Ave.
Sheridan, CO 80110



Certificate of Analysis

DNP International Co., Inc. 3035 Red Hat Lane Whittier, CA 90601 Tel: 562-205-1430 Fax: 562-205-1440

Product Name: **Ascorbic Acid**

Batch No: DY107533 Production Date: 1-14-2006
Analysis Date: 1-16-2006 Origin: China
Batch Size: 3000kg Shelf Life: 3 years
Vegan:

The following information is a direct translation of the information provided to DNP from the manufacturer of this product. This Certificate of Analysis should be used for informational purposes and is not intended as a substitute for strict quality control analysis by the purchaser of this product.

Name of Raw Material(s): Corn Starch
Standard: EP5/BP2000/USP29/GP10/FCCV
CAS#: 50-81-7

Item	Specification	Result
Appearance	White or almost white crystals or crystalline powder	White crystalline powder
Assay	99.0~100.0%	99.26%
Clarity of Solution	Clear	Conforms
Colour of Solution	BY7 max.	Conforms
Identification	Positive	Positive
Melting Point	191~192°C	191°C
Organic Volatile Impurities	Meet USP29 requirements	Conforms
Oxalic Acid	0.2% max.	Conforms
pH Value	2.2~2.5	2.37
Residue on Ignition	0.1% max.	0.01%
Specific Rotation	+20.5°~+21.5°(25°C)	+21.30°
Copper	5ppm max.	Conforms
Heavy Metals	3ppm max.	Conforms
Iron	2ppm max.	Conforms
Lead	2ppm max.	Conforms

Product Description: GMO free
Conclusion: Conforms to EP5/BP2000/USP29/GP10/FCCV standard.
Assay or Extract Testing Method: Titration

A handwritten signature in black ink, appearing to read 'David Ji', is written over a horizontal line.

David Ji, President