



MARCUS RESEARCH LABORATORY, INC.

--- PHARMACEUTICAL MANUFACTURING ---

1820 DELMAR BLVD.
ST. LOUIS, MO 63103-1798 U.S.A
TELEPHONE 314-241-8772
FAX 314-241-8775
www.marcusresearch.com

SPECIFICATIONS FOR POVIDONE-IODINE USP

Chemical Formula and Name:

(C₆ H₉ NO)_n . xI

2- pyrrolidinone, 1-ethenyl-, homopolymer, compounded with Iodine.
1- Vinyl-2-pyrrolidinone polymer, compounded with Iodine.

Id A and B	Must Pass
Loss on Drying	Not more than 8.0 percent
Residue on Ignition	Not more than 0.025 percent
Heavy Metals	Not more than 20 ppm
Nitrogen	Not less than 9.5 percent and not more than 11.5 percent calculated on the dried basis
Iodide Ions	Not more than 6.6 percent calculated on the dried basis
Available Iodine USP	Not less than 9.0 percent and not more than 12.0 percent calculated on the dried basis

Methods: U.S.P. Under Povidone-Iodine

By *Ross Larson*
Ross Larson
Director of Quality Assurance

By *Richard Gilbert*
Richard Gilbert
Vice President

- ESTABLISHED IN 1970 *** ST. LOUIS, MISSOURI U.S.A. -