



**Micronova Manufacturing Inc.**  
**Certificate of Analysis**

**Product:** AquaHol – IC-220

Lot #: 5315SWE1

Date of Manufacture: August, 2015

Product expiration date: July, 2018

Test	Specification	Result
Description	IPA 70% v/v in water for injection, passed through a 0.1 micron filter: double bagged and irradiated. Provides sterile alcohol upon opening.	Positive
Appearance/Odor	Clear, colorless liquid with a characteristic spirituous odor	Positive
Acidity	Not more than 1.0 ml of 0.02N Sodium Hydroxide	0.5 mL
Specific Gravity	0.872 – 0.883 at 20°C	0.877
Alcohol Content	68 – 72% v/v	70.00%
Non-volatile residue	Not more than 0.01% w/v	Complies
Irradiation Dose	Not less than 25.0 kGy	Complies
Sterility	Passes the USP test for sterility	Complies

This batch was manufactured in and assembled in accordance with the requirements of GMP

Authorization:

---

Phillip LeCompte  
Director of Design & Development

Micronova Manufacturing Inc.  
3431 West Lomita Boulevard, Torrance, CA 90505  
(310) 784 6990 Fax: (310) 784 6980



**Micronova Manufacturing Inc.**  
**Certificate of Sterility**

**Product:** **AquaHol – IC-220**

Lot #: 5315SWE1

Date of Manufacture: August, 2015

Product expiration date: July, 2018

Product Description: 70% v/v IPA blended with WFI, 500ml

Irradiation Certificate No: UK33S11442590-2-1

Sterility Test No: 150825-2

Test Performed to: Sterility test methods as per current USP test

Test Result: Samples comply with the above testing requirement.

Authorization:

---

Phillip LeCompte  
Director of Design & Development

Date: October 6, 2015



**Micronova Manufacturing Inc.  
Certificate of Irradiation**

**Product:** AquaHol – IC-220

Lot #: 5315SWE1  
Date of Manufacture: August, 2015  
Product expiration date: July, 2018  
Product Description: 70% v/v IPA blended with WFI, 500ml  
Irradiation Certificate No: UK33S11442590-2-1  
Certificate of Analysis No: 1509304960007CA  
Irradiation dosage received figure (kGy): Min = 29.2 Max  
Max = 35.5

**This is to certify that the notified goods have undergone irradiation by exposure to  $\gamma$  (Gamma) Irradiation with an exposure of not less than 25kGy.**

**Irradiation treatment applied was in accordance with:**

- EN ISO 13485:2012 Quality Systems – Medical Devices
- EN ISO 9001:2000 Quality Management Systems
- ISO 11137-1:2015 Sterilization of Healthcare Products

Authorization:

---

Phillip LeCompte  
Director of Design & Development

Date: October 6, 2015