



1251 Frontenac Rd. Naperville, IL 60563
331-281-0154 | support@shopbv.com

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CERTIFICATE OF ANALYSIS

Product: Insatol, USP

LOT #: YW20050913

Mesh Size: 100% pass 30 Mesh

Description: Crystalline powder which is readily soluble in water. It taste sweet.

ITEM:	PRESCRIBED STANDARDS	INSPECTION RESULTS
Identification (A,B)	Meets Specifications	Meets Specifications
Calrity and Color of Solution	Meets Specifications	Meets Specifications
Water Content	Not more than 0.5%	0.06%
Melting Point	224-227°C	224-225.5°C
Residue on Ignition	≥ 0.1%	0.01%
Assay	≥97.0% and ≤102.0%	≥99.75%
Conductivety	20u s cm-1	12.53u s cm-1
Chloride	≤0.005%	0.005%
Sulfate	≤0.006%	0.006%
Calcium	Meets Specifications	Meets Specifications
Barium???	Meets Specifications	Meets Specifications
Iron	≤5ppm	<5ppm
Heavy Metals (as PB)	≤5ppm	<5ppm
Total Impurities	≤1.0%	Not Detected
Individual Impurities	≤0.3%	Not Detected
Lead	≤0.5mg/kg	<0.5mg/kg
Arsenic	≤0.5mg/kg	<0.5mg/kg
Mercury	≤0.1 mg/kg	<0.1 mg/kg
Cd	≤0.005mg/kg	<0.000mg/kg
Total Plate Count	≤1000cfu/g	200cfu/g10cfu/g
Mold and Yeast	≤100cfu/g	Negative
S. Aureus	Negative/g	Negative
E. Coli	Negative/25g	Negative
Salmonella	Negative/25g	

This product passed the test, complied with the standards for USP43-NF38 & FCC12.

BVV employs dedicated processing equipment for this product and packages the material to preserve its food-grade designation.

Please consult the SDS for further information.

BVV Guarantees only that the product describe herein meets the specifications outlined in this document. All Transactions involving this product are governed by BVV's standard terms and conditions. This Certificate of Analysis (COA) does not include any additional information, guarantees, or warranties, whether express or implied beyond those explicitly stated.