

Certificate of Analysis

Product Name:	Inosine
CAS#	58-63-9
Starting Raw Material(s):	Fermentation (Glucose - Yeast Extract)
Species of Micro-Organism:	<i>Bacillus subtilis</i>
Residual Solvents:	None
Country of Origin:	China
Batch Number:	Varies
Manufacture Date:	Varies
Retest Date:	Varies

Test Results Obtained by PureBulk

ITEMS	SPECIFICATIONS	RESULTS
Loss on Drying (USP<731>)	≤1%	0.32%
Inosine (HPLC) (ALC510A)	98-102%	98.32%
Arsenic	≤1 ppm	<0.0100 ppm
Cadmium	≤0.15 ppm	<0.00500 ppm
Lead	≤0.15 ppm	<0.00500 ppm
Mercury	≤0.9 ppm	<0.00500 ppm
Aerobic Plate Count	≤300 cfu/g	<20 cfu/g
Coliforms	≤100 cfu/g	<20 cfu/g
<i>E. Coli</i>	Negative	Absent
<i>Staph aureus</i>	Negative	Absent
Yeast & Mold	≤30 cfu/g	<20 cfu/g
<i>Salmonella</i>	Negative	Absent
<i>Pseudo. aeruginosa</i>	Negative	Absent
Conclusion (PureBulk):	This product conforms to standards	

The following information is an indirect translation of information provided from the Manufacturer's Certificate of Analysis, and should not be used solely as an instrument for strict quality control.

ITEMS	SPECIFICATIONS	RESULTS
Appearance	White crystals or crystalline powder	Conforms
Taste	Slightly bitter taste	Conforms
Solubility	Sparingly soluble in water, practically insoluble in ethanol	Conforms
Identification	Must comply	Positive
State of Solution (Transmittance)	Clear and colorless	Clear and colorless
	≥98.0%	99.9%
Other related compounds of nucleic acid	Chromatographically not detectable	Pass
Residue on Ignition	≤0.20%	0.04%
pH	4.8 to 5.8	5.3
Additional Items		
Guanosine	≤0.50%	0.04%
Conclusion (Manufacturer):	This product conforms to AJI92 (B grade) standards	

Additional Information: Non-Allergen || BSE/TSE Free || Melamine Free ||

Composition:
 Inosine 98-102%
 Sum of Impurities <1.0%
 Each of unidentified impurities <0.1%

GMO Statement

Non-GMO

Storage Conditions:

Keep in sealed container under 25°C.

Keep away from strong light, heat and moisture.

Purebulk.Inc verifies that the information contained herein is true and correct to the best of our knowledge.

Verified By: Candace Gibson / Nicole Rammage

(This document was produced electronically and is valid without signature.)