



HuminRich Group (Since 2002)
 Website: www.huminrichs.com
 Email: humatech@huminrichs.com
 Address: Shenyang, Liaoning, P.R.China
 Product Standards: Enterprise standards
 Industry standards, ALJ, USP, JP, FCC, EP, etc

Chemical Additives&Feed Additives-Alternative Antibiotics
 Pharmaceutical intermediates&Health raw material
 Plant Growth Regulators& Biostimulants

CERTIFICATE OF ANALYSIS

NO.: XF240524-1
DATE: May 24, 2024

PRODUCT	XFF3001-9 FULVIC ACID POWDER 70%	
BATCH NO.	XFF3001-9-R240524R	
PRODUCTION DATE	20240524	
EXPIRY DATE	20270523	
STANDARD	COMPANY INNER CONTROL STANDARD	
TEST ITEM	STANDARD	RESULT
APPERANCE	DARK BROWN POWDER	DARK BROWN POWDER
SOURCE	MAIZE & LEONARDITE	MAIZE & LEONARDITE
SIZE	60-100MESH	PASS
WATER SOLUBILITY	99.5%-100%	99.6%
FULVIC ACID (ON DRY BASIS)	80% MIN	80.1%
ORGANIC MATTER	30%-50%	35.5%
CARBOHYDRATE	30%-50%	30.2%
CRUDE PROTEIN	20%-25%	21.6%
B VITAMINS	>300PPM	350PPM
VITAMIN C	>300PPM	310PPM
INOSITOL	>300PPM	320PPM
POLYSACCHARIDE	>300PPM	315PPM
NUCLEIC ACID	>300PPM	310PPM
NATURAL ACTIVE FACTORS	>300PPM	312PPM
WATER SOLUBILITY	99.5%-100%	99.6%
CA	>200PPM	220PPM
MG	>200PPM	210PPM
S	>200PPM	230PPM



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CU	>100PPM	110PPM
FE	>100PPM	105PPM
ZN	>100PPM	120PPM
MN	>100PPM	110PPM
MO	>10PPM	20PPM
MOISTURE	15% MAX	5%
PH	5.0-6.5	5.5
HEAVY METAL		
AS.PPM	<10	<10
HG.PPM	<10	<10
CD. PPM	<10	<10
CR. PPM	<50	<50
PB.PPM	<50	<50
CONCLUSION	OK	
NOTE	THE ABOVE DATA IS FROM COMPANY R&D CENTER FOR REFERENCE. THE RESULTS MAY DIFFER FROM VARIOUS TEST METHODS. AND OUR COMPANY DOES NOT BEAR ANY LEGAL LIABILITY THEREOF.	
ANALYST	WANG LIN	CHECKER CHEN QINGQING