



**CERTIFICATE OF ANALYSIS**

PRODUCT: FUMARIC ACID CWS	QUANTITY: 3,000KGS	
REFERENCE STANDARD: FCC V	BATCH NO: 21121405	
CAS NO.: 110-17-8	INSPECTOR: 	
MANUFACTURING DATE: DEC. 14, 2021	INSPECT DIRECTOR: 	
EXPIRY DATE: DEC. 13, 2023	REPORT DATE: DEC. 14, 2021	
<b>INSPECTION RESULT</b>		
ITEMS	INDEX	RESULT
APPEARANCE	WHITE FINE POWDER	COMPLIES
ASSAY(DRIED BASIS)	99.5---100.2%	99.65%
ARSENIC (As)	≤1PPM	<1PPM
HEAVY METALS(Pb)	≤10PPM	<5PPM
LEAD	≤2PPM	<1PPM
RESIDUE ON IGNITION	≤0.1%	0.016%
WATER	≤0.5%	0.17%
PH(1:30)	2---2.5	2.2
MALEIC ACID	≤0.1%	0.011%
COLOUR(Pt-Co)	≤15Hazen	12Hazen
DSS.	≤0.3%	0.26%
MELTING POINT	286~289°C	289°C
IMPURITIES	NEGATIVE	COMPLIES
PARTICLE SIZE	THROUGH 300 MESH	100%
	THROUGH 325 MESH	96.33%
SOLUBILITY(25°C)	≥1.00g/100ml Water	1.10g/100ml Water
CONCLUSION	THIS PRODUCT CONFORM TO FCC V STANDARD	

Packaging: in 25kg net pinch square bottom heat-sealing bags.