



武汉有机实业有限公司

WUHAN YOUJI INDUSTRIES CO., LTD.

(AN ISO-9001 CERTIFICATED COMPANY)

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CERTIFICATE OF ANALYSIS

NAME OF PRODUCT: BENZOIC ACID
BATCH WEIGHT: 2 MT
BATCH NUMBER: 20230308
MANUFACTURE DATE: MAR.08, 2023
EXPIRY DATE: MAR.07, 2025
PACKAGE: 25KG BAG
CAS NUMBER: 65-85-0 EINECS NUMBER: 200-618-2

	SPECIFICATION	RESULT OF ANALYSIS
APPEARANCE:	WHITE CRYSTALLINE POWDER	
IDENTIFICATION:		
MELTING RANGE:	121~123 °C	122
BENZOATES:	PASSED	PASSED
SUBLIMATION:	PASSED	PASSED
PH (SOLUTION IN WATER):	ABOUT 4	PASSED
APPEARANCE OF SOLUTION:		
CLARITY	CLEAR	PASSED
COLOUR	COLOURLESS	PASSED
ASSAY:	99.5% - 100.5%	99.8
LOSS ON DRYING:	0.5% MAX	0.2
HEAVY METALS (IN TERMS OF LEAD):	10 ppm MAX	PASSED
ARSENIC:	3 ppm MAX	PASSED
LEAD:	2 ppm MAX	PASSED
MERCURY:	1 ppm MAX	PASSED
HALOGENATED COMPOUNDS AND HALIDES:		
TOTAL CHLORIDE	300 ppm MAX	PASSED
READILY CARBONIZABLE SUBSTANCE:	PASSED	PASSED
READILY OXIDIZABLE SUBSTANCE:	PASSED	PASSED
RESIDUE ON IGNITION/SULFATED ASH:	0.05% MAX	PASSED
POLYCYCLIC ACID:	PASSED	PASSED
INFRARED ABSORPTION:	PASSED	PASSED

CONCLUSION: UP TO THE SPECIFICATION
ANALYZING METHOD ACCORDING TO BP2013, EP8.0, E210, USP38, NF33, FCC9

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