



武汉有机实业有限公司

WUHAN YOUJI INDUSTRIES CO., LTD.

CERTIFICATE OF ANALYSIS

NAME OF PRODUCT: SODIUM BENZOATE PRILL E211
BATCH WEIGHT : 13.95MT
BATCH NUMBER : 20250126
PRODUCTION DATE: JAN. 26. 2025
EXPIRY DATE: JAN. 25. 2027
PACKAGE: IN 25KG BAG
CAS NUMBER: 532-32-1 EINECS NUMBER: 208-534-8

	SPECIFICATION	RESULT OF ANALYSIS
SOLUBILITY	FREELY SOLUBLE IN WATER, SPARINGLY SOLUABLE IN ETHANOL	
CHARACTERS:	A WHITE, ALMOST ODOURLESS, CRYSTALLINE GRANULAR	
MELTING RANGE FOR BENZOIC ACID	121.5-123.5℃	PASSED
IDENTIFICATION:		
BENZOATES	POSITIVE	PASSED
SODIUM	POSITIVE	PASSED
APPEARANCE OF SOLUTION:		
CLARITY	CLEAR	PASSED
COLOUR	Y6	PASSED
ACIDITY OR ALKALINITY (ml of 0.1N NAOH OR HCL):	0.2 ml MAX	PASSED
HALOGENATED COMPOUNDS:		
IONISED CHLORINE	200 ppm MAX	PASSED
TOTAL CHLORINE	300 ppm MAX	PASSED
CHLORINATED ORGANIC COMPOUNDS (IN TERMS OF CHLORIDE)	0.06% MAX	PASSED
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
READILY OXIDISABLE SUBSTANCES:	POSITIVE	PASSED
POLYCYCLIC ACIDS:	POSITIVE	PASSED
LOSS ON DRYING % (m/m):	1.5% MAX	0.2
ASSAY % (m/m):	99.0%-100.5%	99.8

CONCLUSION
ANALYZING METHOD

UP TO THE SPECIFICATION
ACCORDING TO BP2020, EP10, E211, USP42, NF37, FCC12

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