



WUHU HUAHAI BIOLOGY ENGINEERING CO., LTD

WUHU GREEN FOOD ECONOMIC DEVELOPMENT ZONE

CERTIFICATE OF ANALYSIS

PRODUCT NAME: METHYL PARABEN

QUANTITY: 2000KGS

BATCH NO.: 20230313

MANUFACTURING DATE: MAR.13,2023

EXPIRY DATE: MAR.12,2026

REFERENCE STANDARD: USP43

Item	Specification	Test Results
1. Appearance	White powder	Passed
2. Purity (on dry base) %	98.0- 102.0	99.62
3. Melting Point C	125- 128	127.1
4. Acid (≤0. 1ml,0. 1M NaOH)	≤0. 1	<0. 1
5. Identification	A. Infrared absorption Spectrophotometry B. Thin-Layer Chromatographic	Passed
6. Residue %	≤0. 1	0.06
7. Loss on drying %	≤0.5	0.18
8. Heavy Metal (Pb)	≤ 10ppm	< 10ppm
9. Residual solvents (Methanol)	< 1000PPM	Passed
10. Related Substances	P-Hydroxybenzoic acid: ≤0.5% Unspecified impurities: ≤0.5% Total impurities: ≤ 1.0%	0.08 0.03 0.11
11. Color of solution	100mg/ml in alcohol, The solution is clear.	Passed
12. Organic Volatile impurities	≤0.05%	Passed

CONCLUSION: THE ABOVE RESULTS MEETS USP43 STANDARD

