



WUHU HUAHAI BIO. ENGINEERING CO.,LTD

NO.1 XIAJIA HU ROAD, SANSHAN ECONOMIC AREA,WUHU, CHINA

CERTIFICATE OF ANALYSIS

Product	Methyl Paraben Sodium		
Chemical Name	Sodium Methyl P-Hydroxybenzoate		
Production Date	2025/09/10	Expiry Date:	2028/09/10
Batch No.	20250910	Edition	BP 2018/USP 42/NF 35
Quantity	1350 Kgs	Analysis Date	2025/09/11
Item	Specification		Test Results
Appearance	White Crystalline Powder		White Crystalline Powder
Identification A	Dissolve 0.5 g in 5 mL of water, acidify with hydrochloric acid, and filter the resulting precipitate. Wash the precipitate with water, and dry it over silica gel for 5 hours: the IR absorption spectrum of a mineral oil dispersion of it exhibits maxima only at the same wavelengths as that of a similar preparation of USP Methylparaben RS.		Passed
Identification B	Ignite about 0.3 g, cool, and dissolve the residue in about 3 mL of 3 N hydrochloric acid. A platinum wire dipped in this solution imparts an intense, persistent yellow color to a nonluminous flame.		Passed
Completeness of solution	1g of it, dissolved in water, meets the requirement.		Passed
Assay %	95.0-102.0		99.46
PH	9.5-10.5		9.9
Sulfate %	A 0.25-g portion shows no more sulfate than corresponds to 0.30 mL of 0.020 N sulfuric acid (0.12%).		<0.03
Organic	Passed		Passed
Related compound (p-Hydroxybenzoic %)	the peak area inthe Sample solution, multiplied by 1.4 to correct for the calculation of content, is NMT 6 times the area of the principal peak in the Standard solution.		NMT 3.0%
Unspecified impurities%	≤0.5		0.43
Total impurities%	≤1.0		0.91
Moisture %	≤5.0		4.74
Chloride ppm	≤350		Passed
Heavy Metal (Pb)	≤10mg/kg		<10mg/kg

CONCLUSION: THE ABOVE RESULTS MEETS BP 2018/USP 42/NF 35 STANDARD

