



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	2025/05/15	Expiry Date:	2028/05/15
Batch No.	20250515	Edition	BP 2018/USP 42/NF 35
Quantity	1000 Kgs	Analysis Date	2025/05/16
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	99.49	
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 in the 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	0.44	
Total impurities%	≤1.0	0.90	
Moisture %	≤5.0	4.76	
Chloride ppm	≤350	Passed	
Heavy Metal (Pb)	≤10mg/kg	<10mg/kg	

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

