



WUHU BAOFENG IMP. AND EXP. CO., LTD

SANSHAN ECONOMIC DEVELOPMENT ZONE WUHU CHINA

CERTIFICATE OF ANALYSIS

INV. NO.:HH203552
ORDER NO.: I-4235
PRODUCT NAME:BENZOPHENONE 3
QUANTITY:1000KGS
BATCH NO:20220109
MFG DATE:JAN.09,2022
EXP DATE:JAN.08,2025
COUNTRY OF ORIGIN: CHINA

ITEMS	STANDARD	RESULTS
Appearance	Pale Yellow Crystalline Powder	Conform
Identification	IR:Identical To Ir Spectrum Of Standard	Conform
	HPLC:The Retention Time Of The Major Peak Of The Sample Solution Corresponds To That Of The Standard Solution.As Obtained In The Assay	
Congealing Temperature	≥62.0°C	62.9°C
Impurities	Total impurities:≤1.0%	0.4%
	Benzophenone 1:≤0.2%	0.15%
	Single largest unspecified impurity:≤0.1%	0.04%
Odor	Similar in character and intensity to standard,very slight odor	Conform
Heavy Metals (Pb)	≤5PPM	Conform
Gardner Color	≤4.0	3.3
Residual Solvents	Ethanol≤5000ppm	2500ppm
Loss on drying	≤0.5%	0.4%
Melting Point	63.0-64.5 °C	63.3-63.7 °C
Content	≥ 99.0 %	99.5%
Specific Absorptivity E285	≥ 610	635
Specific Absorptivity E325	≥ 400	423

CONCLUSION:MEETS USP 39 SPECIFICATION

芜湖市宝丰进出口有限公司
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