



大连汉德姆精细化学品有限公司

DALIAN HANDOM CHEMICALS CO.,LTD.

Certificate of Analysis

Product Name: 2-Hydroxy-4-Methoxy Benzophenone(BP-3)

Molecular Formula: C₁₄H₁₂O₃

Batch No.: HDC20221119

CAS No.: 131-57-7

Manufacturing Date: Nov 19th, 2022

Retest Date: Nov 18th, 2025

Quantity: 2000kg

Report Date: Nov 20th, 2022

Test Item	Specification	Test Result
Appearance	Yellow powder	Conforms
Smell	Slight	Conforms
Assay(HPLC)	97.0% ~ 103.0%	100.1%
Melting Range	62.5°C ~ 64.0°C	63.7°C
Loss on Drying	Not more than 0.5%	0.1%
Heavy Metals	Not more than 5.0ppm	Conforms
Specific Extinction	At 285nm: ≥630	640
	At 325nm: ≥400	420
Solidification Point	62.0°C ~ 72.0°C	62.2°C
Impurities(GLC and HPLC)	Individual impurity: <0.1%	Conforms
	Sum of impurities: <1.0%	Conforms
Methanol	Not more than 1000ppm	316ppm
Cyclohexane	Not more than 3880ppm	N.D.
Identification	IR	Conforms
	The retention time of the major peak of the Sample solution corresponds to that of the Standard solution, as obtained in the Assay	Conforms
	UV/VIS spectrum	Conforms
Flash Point	> 100°C	Conforms
Ash Content	<0.1%	Conforms

Conclusion: The testing results of this batch of goods are complied with the Enterprise Standard.