



大连汉德姆精细化学品有限公司

**DALIAN HANDOM CHEMICALS CO.,LTD.**

### Certificate of Analysis

**Chemical Name:** 2,2'-Dihydroxy-4-methoxybenzophenone

**CAS No.:** 131-53-3

**Batch No.:** HDC20240729

**Manufacturing Date:** Jul 29<sup>th</sup>, 2024

**Trade Name:** Benzophenone-8

**Molecular Formula:** C<sub>14</sub>H<sub>12</sub>O<sub>4</sub>

**Batch Quantity:** 50kg

**Retest Date:** Jul 28<sup>th</sup>, 2026

Test Items	Specifications	Test Results
Appearance	Yellow crystalline powder	Conforms
Assay (Current USP)	97.0% ~ 103.0%	100.1%
Gardner Colour (10% Isopropanol)	Not more than 5.0	3.3
Transmittance (At 500nm)	Not less than 98%	99.75%
Congealing Temperature (Current USP)	Not less than 68.0°C	68.4°C
Loss on Drying @40°C (Current USP)	Not more than 2.0%	0.08%
ID TEST B-Retention Time (USP)	Corresponds to that of the Standard solution	Conforms

**Conclusion:** The testing results of this batch of goods are complied with the Standard of In-house.

**Packaging:** 25kg per Fibre Drum.

**Storage Conditions:** Preserved in unopened original containers in a cool dry place before using; kept away from direct sunlight, heat and moisture.