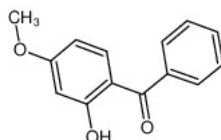


BENZOPHENONE-3

Product Name:	Benzophenone-3
Product Code:	Mfsorb 202
Chemical Name:	2-Hydroxy-4-methoxybenzophenone
INCI Name:	BENZOPHENONE-3
Other names:	Oxybenzone, UV-9, BP-3
CAS No.:	131-57-7
EINECS No.:	205-031-5
Chemical Formula:	C ₁₄ H ₁₂ O ₃
Molecular Weight:	228.24
Use / Function:	UV absorber

Structure:



Packaging:	25kgs/drum, 25kgs/carton
Appearance:	Pale greenish yellow crystalline powder
Odor:	Similar in character and intensity to standard, very slight odor.
Storage Condition:	Preserve in tight, light-resistant containers.

Quality data

Identification:	(USP) A. Infrared Absorption <197K> B. The retention time of the major peak of the Sample solution corresponds to that of the Standard solution, as obtained in the Assay.
Assay (HPLC):	(USP) 97.0%~103.0%
Congeaing Temperature:	(USP) 62.0°C min
Specific Extinction (1%,1cm):	E ₂₈₈ : ≥630 E ₃₂₅ : ≥410
Melting Point:	62.0°C~65.0°C
Loss on Drying:	≤0.20 %
Heavy metal (as pb):	≤5ppm
Gardner Color:	≤4.0

Chromatographic Purity (HPLC)

Single largest unspecified 0.10% max

impurity:

Total Impurities: 1.0% max

Benzophenone-1: 0.2% max

Residual Solvents: (USP) Ethanol: 5000ppm max

Remark: This product manufactured by our company meets the requirements of current USP.