



CHEMSYNTH CORPORATION

(manufacturer and exporter of chemical raw materials)

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Specifications

AVOBENZONE

Chemically	: 4-tert-Butyl4'methoxydibenzoylmethane.
Colour	: white to pale yellow
Odour	: slightly aromatic
Appearance	: crystalline powder
Solubility	: Insoluble in water . Soluble in acetone , hot methanol.
Melting range	: 81 to 85 deg c
Loss on drying	: max 0.5 %
Identifications by IR	: IR spectrum in line with standard
Identification by UV	: Absorption at 360 nm do not differ by more than 3 %
UV absorbance	: 1100-1180 (E 1 % solu in abs.ethanol)1 cm cell at 357 +/- 2nm)
Heavy metals	: Max 20 ppm
Impurities	: Individual impurity max 3.0 % Total impurities max 4.5 %
Assay by GC (on the dried basis)	: 97 to 105 %