



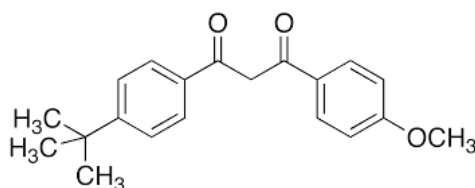
## Certificate of Analysis.

### Butyl methoxydibenzoylmethane/Avobenzone according to USP/BP/IP.

Product code:	<b>BS13931.</b>
Description:	<b>Butyl methoxydibenzoylmethane/Avobenzone according to USP/BP/IP.</b>
Chemical Name:	<b>1-(4-tert-Butylphenyl)-3-(4-methoxyphenyl)-1,3-propanedione.</b>
Pack:	<b>1 gm.</b>
CAS NO.:	<b>70356-09-1.</b>
Mol. Weight:	<b>310.39 g/mol.</b>
Mol. Formula:	<b>C<sub>20</sub>H<sub>22</sub>O<sub>3</sub>.</b>
MDL Number:	<b>MFCD00210252.</b>
Melting Point:	<b>82 °C.</b>
Boiling Point:	<b>463.6°C.</b>
Density:	<b>1.1 g/cm<sup>3</sup>.</b>
Solubility:	<b>Soluble in DMSO.</b>
Storage:	<b>2-8°C Refrigerator.</b>
LOT NO.:	<b>Sample.</b>
Manufacture Date:	<b>Lot specific.</b>
Expiry Date:	<b>3 years.</b>

Test	Specification	Measured Values
Appearance:	White to Orange to Green powder to crystal.	<b>Lot specific.</b>
Identification by NMR:	Confirms to the structure.	<b>Lot specific.</b>
Identification by MASS:	Confirms to the structure.	<b>Lot specific.</b>
Purity by GC :	>95%.	<b>Lot specific.</b>

Please Note: - This material is only for laboratory purpose and not for human consumption. This is a computer generated COA, no stamp or signature is required.



  
**Dr. K. Deepti.**  
Technical Head.

