

## Certificate of Analysis

(Representative Sample Certificate)

**Product Name:** Avobenzone  
**INCI Name:** Butyl Methoxydibenzoyl Methane  
**CAS Number:** 70356-09-1  
**Lot Number:** Not available (data may vary slightly with different lots or batches)  
**Expiration Date:** 36 months from production date

Analytical Tests	Specifications	Results
Assay (GC)	97.0-104.0%	99.8%
Identification A	Matches standard	Conforms
Identification B	Absorptivities 360 nm, do not differ by more than 3.0%	0.6%
Melting Range	81.0-86.0 °C	84-85 °C
Loss on Drying	It loses not more than 0.5% of its weight	0.1%
Purity	Not more than 3.0% of any individual impurity is found. The sum of all impurities is not more than 4.5%	0.4%
Specific Extinction	1150.0-1180.30	1172.5
Arsenic Content	<2.0ppm	Conforms
Heavy Metals	<20.0ppm	Conforms

Conforms USP

The above data were obtained using the test indicated and is subject to the deviation inherent in the test method. Results may vary under other test methods or conditions.

This report is not to be signed.

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