

ASES CHEMICAL WORKS

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CERTIFICATE OF ANALYSIS

1. Name of the Product	Avobenzone
2. Synonyms	Butyl Methoxy Dibenzoyl Methane
3. CAS Number	70356-09-1
4. Formula	C ₂₀ H ₂₂ O ₃
5. Mol. Weight	310.40
6. Batch No & Mfg. Date	As mentioned on Label
7. Date Of Exp	3 Years From MFG Date
8. Date of Analysis	Sept-2024

SrNo	Test	SPECIFICATION	Result
1	Appearance	White to pale yellow colour powder	Pale yellow colour powder
2	Odour	Weakly aromatic	Weakly aromatic
3	Solubility	Soluble in Acetone and Hot Methanol	Complies
4	Melting Point (°C)	81-86°C	82.6°C-83.9°C
5	Assay	95 - 105%	97.55%
6	Single Impurity	NMT 3.0%	1.77%
7	Total Impurities	NMT 4.5%	2.62%
8	Loss of Drying	NMT 0.5%	0.18%
9	UV-Vis absorption E1% 1cm	310-380	357
10	Heavy Metals	NMT 20ppm	Complies