

ASES CHEMICAL WORKS

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CERTIFICATE OF ANALYSIS

1. Name of the Product	Benzyl Benzoate
2. INCI Name	Benzyl Benzoate
3. CAS Number	120-51-4
4. Formula	C ₁₄ H ₁₂ O ₂
5. Mol Weight	212.25 g/mol
6. Batch No & Mfg. Date	As mentioned on Label
7. Date Of Exp	3 Years From MFG Date
8. Date of Analysis	July-2024

Test	Specification	Result
Appearance	A clear colorless oily liquid	A clear colorless oily liquid
Assay	Min 98.0%	99.86%
Weight/ mL at 20°C	1.115 - 1.119 g/ml	1.119 g/ml
Solubility	Practically insoluble in water, miscible with ethanol, methylene chloride, fatty and essential oils	Complies
Freezing point	Min 17 °C	18 °C
Boiling Point	About 320°C	320°C
Refractive index (20°C; 589 nm)	1.569 - 1.570	1.57
Acidity	Max 0.5 ml N%	0.2 ml N%
Residue on ignition (as SO ₄)	Max 0.1%	0.07%
Benzaldehyde (C ₆ H ₅ CHO)	Max 0.05%	0.02%
Relative density	1.118 to 1.122	1.118 g
Sulphated ash	Max 0.1%	0.01%