

CERTIFICATE OF ANALYSIS

Product Name	Benzoyl Peroxide		
CAS NO	94-36-0		
Batch Number	20240618	Manufacture Date	20240618
Report Date	20240618	Expiry Date	20260617

Item of Analysis	Specification	Results
ASSAY	99%	991.22
Related substance (HPLC)	Total impurity $\leq 0.5\%$ Max single impurity $\leq 0.1\%$	0.2% 0.06%
Appearance	Powder	Conforms
Color	Light Yellow powder	Conforms
Odor	Characteristic	Conforms
Taste	Characteristic	Conforms
Particle Size	100% pass 80 mesh	80MESH
Loss on drying	1%NMT (%)	0.2%
Total ash	1%NMT (%)	0.06%
Bulk Density	45-60g/100mL	49g/100mL
Total Heavy Metals	10ppm Max	Conform
Lead (Pb)	2ppm NMT	Conform
Arsenic (As)	2ppm NMT	Conform
Cadmium (Cd)	2ppm NMT	Conform
Mercury (Hg)	0.5ppm NMT	Conform
Total Plate Count	1000cfu/g Max	Conform
Yeast & Mold	300cfu/g Max	Conform
E. Coli.	Negative	Conform
Salmonella	Negative	Conform
Staphylococcus	Negative	Conform

Storage: Store in tight, light-resistant containers, avoid exposure to direct sunlight, moisture and excessive heat.

Shelf Life: 24 months if store under the conditions above and stay in original packaging.

