



# Qualikems Lifesciences Pvt. Ltd.

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## CERTIFICATE OF ANALYSIS

<b>Name of Product</b>	: Benzoic Acid	<b>CAS No.</b>	: 65-85-0
<b>Molecular Formula</b>	: C <sub>7</sub> H <sub>6</sub> O <sub>2</sub>	<b>Molecular Weight</b>	: 122.12 g/mole
<b>Batch No.</b>	: QF2604146	<b>Grade</b>	: LR
<b>Mfg. Date</b>	: April-2026	<b>Retest Date</b>	: March-2031

Sr. No.	Tests	Specification	Observation
1	Appearance	White Crystal Powder	Complies
2	Assay(by acidimetry)	Min.99.5 %	99.74 %
3	Melting Point	121.5-123.5°C	122.2° C
<b>Maximum Limits of Impurities:</b>			
4	Sulphate(SO <sub>4</sub> )	0.02 %	<0.02 %
5	Heavy metals(as Pb)	0.001%	0.0006%
6	Arsenic(As)	0.0002 %	<0.0002%
7	Copper(Cu)	0.0025 %	0.0012%
8	Lead(Pb)	0.0005 %	0.0003 %
9	Zinc(Zn)	0.0025 %	0.0010 %
10	Halogenated compounds (chlorobenzoic acid)(as Cl)	0.01 %	0.006 %
11	Impurities oxidizable	To passes test	passes
12	Cinnamic acid	To passes test	passes
13	Reaction against sulphuric acid	To passes test	passes
14	Water	0.7 %	0.5 %
15	Sulphated ash	0.05 %	0.03 %

**Conclusion:** Product complies as per above specification.

**Note:** This document has been produced electronically and it is valid without signature.

Quality of our product tested and reported in the COA are as per the specification and without any prejudice/liability what so ever the end product performance.

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