

CERTIFICATE OF ANALYSIS

PRODUCT NAME : BENZOIC ACID AR

CAS No : 65-85-0
Mol. Formula : $C_7H_6O_2$
Mol. WT : 122.12
Date of analysis : 02/06/25

Product code : 22260
Batch No : MCAR-01668
Mfd. : June 2025
Exp. : May 2030

S.R	Test	Specification	Observation
1	Description	White crystalline powder or powder or flakes.	White crystalline powder
2	Assay (acidimetry)	99.9 % w/w min	99.91%w/w
3	Melting Point	121.5-123.5°C	122.2°C
4	Subst. insoluble in ammonia solution	0.005 % max	0.003%
5	Methanol insoluble matter	0.005 % max	0.004%
6	Sulphated ash	0.02% max	0.016%
7	Chloride (Cl)	0.0005% max	<0.0005%
8	Chlorine compounds (Cl)	0.01% max	<0.01%
9	Sulphate (SO ₄)	0.002% max	<0.002%
10	Copper (Cu)	0.0002% max	<0.0002%
11	Iron (Fe)	0.0002% max	<0.0002%
12	Lead(Pb)	0.0002% max	<0.0002%
13	Substances reducing permanganate (O)	0.01% max	< 0.01%

REMARK: THE PRODUCT COMPLIES WITH THE ABOVE SPECIFICATIONS

[Tested By]



**CHEMIST
(Durvas)**



[QC Incharge]



**HEAD-QUALITY ASSURANCE
(G.G.Salian)**

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