

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 : 23/05/25

Product code : 22260
Batch No : MCAR-01637
Mfd. : May 2025
Exp. : April 2030

S.R	Test	Specification	Observation
1	Description	White crystalline powder or powder or flakes.	White flakes.
2	Assay (acidimetry)	99.9 % w/w min	99.97%w/w
3	Melting Point	121.5-123.5°C	122.5°C
4	Subst. insoluble in ammonia solution	0.005 % max	0.002%
5	Methanol insoluble matter	0.005 % max	0.004%
6	Sulphated ash	0.02% max	0.018%
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
(Shruti)**



[QC Incharge]



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

MOLYCHEM H.Q. : Maker Tower 'E', 41-A2, 4th Floor, Above Maker Arcade, Cuffe Parade, Mumbai 400 005 (INDIA)

Tel. : +91 22 4066 8111 • Email: info@molychem.net • Web: www.molychem.net

Reg. Office : 78/80 Babu Genu Road, Souri Bldg., 2nd Floor, Mumbai - 400 002 (INDIA)

Works : Unit I - Plot No. B/9, Unit II - Plot No. B/11, Badlapur M.I.D.C., Opp. Shobhavat Textile Co., Kulgaon, Badlapur (E), Dist.-Thane-421 503.