

## CERTIFICATE OF ANALYSIS

**PRODUCT NAME : BENZALDEHYDE AR**

**CAS No : 100- 52- 7**  
**Mol. Formula : C<sub>6</sub>H<sub>5</sub>.CHO**  
**Mol. WT : 106.12**  
**Date of Analysis : 15/02/25**

**Product code : 22230**  
**Batch No. : MCAR-01244**  
**Mfd. : Feb. 2025**  
**Exp. : Jan. 2030**

S.R	Test	Specification	Observation
1	<b>Description</b>	Colourless to Pale yellow coloured liquid with characteristic odour.	Colourless liquid with characteristic odour.
2	<b>Assay (GC)</b>	99 % min	99.41%
3	<b>Wt. per ml at 20<sup>0</sup>C</b>	1.044-1.047g	1.045 g
4	<b>Refractive index at 20<sup>0</sup>C</b>	1.544 - 1.546	1.544
5	<b>Acidity (C<sub>6</sub>H<sub>5</sub>COOH)</b>	0.3% max.	<0.3%
6	<b>Sulphated ash</b>	0.01% max.	<0.01%
7	<b>Ionized chloride (Cl)</b>	0.0001% max.	<0.0001%

**REMARK:** THE PRODUCT COMPLIES WITH THE ABOVE SPECIFICATIONS

**[Tested By]**



**CHEMIST  
(Durvas)**



**[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](mailto:info@molychem.net) • Web: [www.molychem.net](http://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.