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CERTIFICATE OF ANALYSIS

Name of the Sample : **Benzoic Acid**
Batch No. : **227380**
Date of Mfg. : **Feb 2024**
Date of Exp. : **Jan 2029**
Register No. : **2024-25**
Qty of Sample : **500gm**
Date of Analysis : **Feb 2024**

S.No	Test Parameters	Observed Values	Standard Values
1.	Description	Passes	Colorless light Crystals Odor slight & Characteristic
2.	Solubility	Passes	Freely soluble in Ethanol 95%, Ether & Chloroform. Sparingly soluble in Water
2.	Assay (Acidimetric, on dried basis)	99.54%	Min.99.5%
3.	Melting point	121.5 – 121.9°C	121 - 122.5°C
4.	Sulphated ash	0.043%	Max.0.05%
5.	Total chlorine	0.06%	Max.0.1%
6.	Lead	0.0005%	Max.0.0005%

Chief Chemist