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### CERTIFICATE OF ANALYSIS

**Name of the Sample** : **Mercuric Oxide Red AR**  
**Batch No.** : **227911**  
**Date of Mfg.** : **Sep 2024**  
**Date of Exp** : **Aug 2029**  
**Register No.** : **2024-25**  
**Qty of Sample** : **100gm**  
**Date of Analysis** : **Sep 2024**

S. No	Test Parameters	Observed Values	Standard Values
1.	Description	Passes	Red crystalline powder
2.	Assay	99.78%	Min.99.0%
3.	Substances insoluble in Hydrochloric acid	0.03%	Max. 0.03%
4.	Chloride	<0.01%	Max. 0.01%
5.	Sulphate	<0.005%	Max. 0.005%
6.	Total nitrogen	<0.005%	Max. 0.005%
7.	Lead	<0.0005%	Max. 0.0005%
8.	Copper	<0.0005%	Max. 0.0005%
9.	Cadmium	<0.0001%	Max. 0.0001%
10.	Zinc	<0.0005%	Max. 0.0005%
11.	Iron	<0.005%	Max. 0.005%
12.	Residue on ignition	<0.025%	Max. 0.025%

**Chief Chemist**