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### CERTIFICATE OF ANALYSIS

**Name of the Sample : Methylene Blue**  
**Batch No. : 225386**  
**Date of Mfg : Feb 2022**  
**Date of Exp : Jan 2027**  
**Register No. : 2022-23**  
**Qty of Sample : 100gm**  
**Date of Analysis : Feb 2022**

S. No	Test Parameters	Observed Values	Standard Values
1.	Appearance	Passes	Blackish Green Powder
2.	Solubility (0.1% dist. water)	Passes	Clear Blue solution
3.	Absorptivity 1%, 1cm at $\lambda$ max.664.0nm	2357	2200 - 2750
4.	Loss on drying at 110°C (1hr)	10.1%	10 - 15%
5.	Dye Contents	87.5%	> 82%

**Chief Chemist**