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CERTIFICATE OF ANALYSIS

Name of the Sample : **Calcon Carboxylic Acid AR**
Batch No. : **225774**
Date of Mfg : **June 2022**
Date of Exp : **May 2027**
Register No. : **2022-23**
Qty of Sample : **100gm**
Date of Analysis : **June 2022**

S. No	Test Parameters	Observed Values	Standard Values
1.	Description	Passes	Bluish Black Powder
2.	Solubility 0.1% (50% ethanol)	Passes test	Clear reddish – violet Solution
3.	Absorption maximum (acidic ethanol) λ max	571nm	568 – 573nm
4.	Absorptivity A1%/1cm (in acidic ethanol)	336	> 250
5.	Loss on drying at 110°C (1hr)	4.98%	< 10%
6.	Suitability as indicator for metal titration	Passes test	To Pass test

Chief Chemist