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### **CERTIFICATE OF ANALYSIS**

**Name of the Sample** : **Cobalt (II) Carbonate**  
**Batch No.** : **228476**  
**Date of Mfg.** : **April 2025**  
**Date of Exp** : **March 2030**  
**Register No.** : **2025-26**  
**Qty of Sample** : **500gm**  
**Date of Analysis** : **April 2025**

<b>S. No</b>	<b>Test Parameters</b>	<b>Observed Values</b>	<b>Standard Value</b>
1.	<b>Description</b>	<b>Passes</b>	<b>Pale purple colored Powder</b>
2.	<b>Cobalt Content (Co)</b>	<b>47.6%</b>	<b>45.0 – 50.0%</b>
3.	<b>Chloride</b>	<b>&lt;0.05%</b>	<b>Max.0.05%</b>
4.	<b>Sulphate</b>	<b>&lt;0.05%</b>	<b>Max.0.05%</b>
5.	<b>Iron</b>	<b>&lt;0.01%</b>	<b>Max.0.01%</b>
6.	<b>Lead</b>	<b>&lt;0.005%</b>	<b>Max.0.005%</b>
7.	<b>Nickel</b>	<b>&lt;0.02%</b>	<b>Max.0.02%</b>
8.	<b>Zinc</b>	<b>&lt;0.02%</b>	<b>Max.0.02%</b>
9.	<b>Substances not precipitated by ammonium sulphide (as sulphates)</b>	<b>&lt;1.5%</b>	<b>Max. 1.5%</b>

**Chief Chemist**