

## Guidelines for Sample Detail

**(Please read carefully the provisions of undertaking before sending any samples to CLF, CCOST)**

The request for proposed studies is to be made by the Principal Investigator / Co-PI / HoD or any authorized person for and on behalf of the organization to any one of the contact persons of CLF, CCOST.

(<http://cgcost.nic.in/officers-scientists-chhattisgarh-council-science-and-technology>).

Students / Rresearch Scholars are advised to contact CLF, CCOST through proper channel as no sample will be accepted directly. The request for testing duly signed by the authorized person for and on behalf of the organization shall be sent to CLF, CCOST. After acceptance from the Council the samples will be acceptable, along with the information as mentioned below:

Sl	Item/Parameter	Description
1.	Code No.	Samples with proper code nos. are considered
2.	Number of samples	As required
3.	Quantity of sample	Two Eppendorf vials (1 for screening + 1 for repository) 1 liter (In case of water analysis) or any other scale applicable for accepted application.
4.	Sample shipment	The sample(s) should be sent properly sealed and shall carry proper Code Nos. and labels.
5.	Nature of compound	Should be clearly mentioned - Non-hazardous

### A: In case of Synthetic Compound(s):

Sl	Item/Parameter	Description
1.	Chemical name	In accordance with IUPAC nomenclature
2.	Structural formula	Complete along with purity analysis details
3.	Purity	>90% (supported by HPLC and spectral data)
4.	Others	Melting/boiling point, molecular formula, molecular weight, solubility

### B: In case of Plant extract(s):

Sl	Item/Parameter	Description
1.	Plant Nomenclature	Name of the plant along with authentic herbarium specimen,

		synonyms, family, etc., collection details such as place and period of collection
<b>2.</b>	Plant Part	Plant part studied along with purity analysis details
<b>3.</b>	Solvent	Solvent used for extraction