National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : QUALITY CONTROL AND QUALITY ASSURANCE LABORATORY FOR HERBALS, INSTITUTE OF ADVANCED STUDY IN SCIENCE AND TECHNOLOGY, PASCHIM BORAGAON, GARCHUK, GUWAHATI, KAMRUP METRO, ASSAM, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-11569 **Page No** 1 of 2

Validity 21/04/2023 to 20/04/2025 **Last Amended on** -

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
Permanent Facility				
1	CHEMICAL- AYUSH PRODUCTS	Turmeric, Chilli, Long Pepper, Ginger (as Spices or Herbal Formulations)	Detection of Added Starch	Manual for Simple Methods for Testing of Common Adulterants in Food - FSSAI IV. 6 Spices and Condiments Page 42
2	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Chillies, Capsicum (Lal Mirchi) - Powder and Whole	Detection of Added Colour	Manual for Simple Methods for Testing of Common Adulterants in Food - FSSAI IV. 8 Spices and Condiments Page 42
3	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Chillies, Capsicum (Lal Mirchi) - Powder and Whole	Detection of Added Starch	Manual for Simple Methods for Testing of Common Adulterants in Food - FSSAI IV. 6 Spices and Condiments Page 42
4	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Chillies, Capsicum (Lal Mirchi) - Powder and Whole	Detection of Oil Soluble Color in Chili Powder	Manual for Simple Methods for Testing of Common Adulterants in Food - FSSAI IV. 9 Spices and Condiments Page 42
5	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Chillies, Capsicum (Lal Mirchi) - Powder and Whole	Detection of Rhodamine B in Chilli Powder	Manual for Simple Methods for Testing of Common Adulterants in Food - FSSAI IV. 11 Spices and Condiments Page 42
6	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Chillies, Capsicum (Lal Mirchi) - Powder and Whole	Detection of Sudan Dye III in Chilli Powder	Manual for Simple Methods for Testing of Common Adulterants in Food - FSSAI IV. 10 Spices and Condiments Page 42
7	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Chillies, Capsicum (Lal Mirchi) - Powder and Whole	Estimation of Capsaicin by HPLC	QCQA Lab SOP No. 4 Issue Date 23.12.2012
8	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Turmeric (Powdered and Finger)	Detection of Added Colour	Manual for Simple Methods for Testing of Common Adulterants in Food - FSSAI IV.2 Spices and Condiments Page 42
9	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Turmeric (Powdered and Finger)	Detection of Chalk Powder	Manual for Simple Methods for Testing of Common Adulterants in Food - FSSAI IV.2 Spices and Condiments Page 41

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10	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Turmeric (Powdered and Finger)	Detection of Lead Chromate	Manual for Simple Methods for Testing of Common Adulterants in Food - FSSAI IV.2 Spices and Condiments Page 40
11	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Turmeric (Powdered and Finger)	Detection of Metanil Yellow	Manual for Simple Methods for Testing of Common Adulterants in Food - FSSAI IV.2 Spices and Condiments Page 41
12	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Turmeric (Powdered and Finger)	Estimation of Bisdemethoxy Curcumin by HPLC	QCQA Lab SOP No. 3 Issue Date 23.12.2021
13	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Turmeric (Powdered and Finger)	Estimation of Curcumin by HPLC	QCQA Lab SOP No. 1 Issue Date 23.12.2021
14	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Turmeric (Powdered and Finger)	Estimation of Demethoxy Curcumin by HPLC	QCQA Lab SOP No. 2 Issue Date 23.12.2021