

SHORT TERM TRAINING PROGRAM 2018

SUGAR ANALYSIS.....

MAARC LABS PVT LTD. is a leading commercial analytical laboratory in India for sugar and water testing accredited by NABL, as per ISO/IEC 17025 and recognized by Bureau of Indian Standards & Food safety & Standards Authority of India (FSSAI) The laboratory is also having global recognition from The Coca Cola Company and PepsiCo International for Sugar & Syrup testing. For last 20 years we organize training programs for sugar mills & so far more than 600 technologists have been benefited from this activity. Theory on important topics by authorities on the subject and practicals under supervision of experts is the specialty of these programs. Through these programs technologists get good idea about establishment of ideal laboratory in their mills for sugar and water testing. This year training programs would focus on -

Program No. 2- Quality Evaluation of White Sugar by ICUMSA Methods

In last few years Indian sugar mills have adopted new technologies and are now producing very good sugar quality. For getting premium price for this sugars factories are trying to tap the international market as well as institutional buyers. Here knowledge about the quality requirement of buyers and testing methods is very crucial. The sugar quality & food safety has become major issues due to implementation of Food safety Act.

Program No. 2 Quality Evaluation White Sugar By ICUMSA Methods.	
A) Practicals	
➤ Colour (By 8, 9 & 10 methods)	➤ Dextran
➤ Conductivity Ash	➤ Mesophilic Bacteria
➤ Colour of intermediates by method GS1/3-7	➤ Yeast & Mould
➤ SO ₂	➤ Sediment
➤ Reducing Sugars	➤ Moisture
➤ Beverage Floc	➤ Turbidity
Calibration – Spectrophotometer, pH meter, Refractometer, Conductivity meter.	
B) Theory Lectures	
• Introduction to ICUMSA	• Colour balance of the sugar processing
• National / International / Institutional Buyer specifications of sugar	• Dextran: Causes & problems
• Microbiological quality requirements	• Good Laboratory Practices
C) Demonstration : Heavy Metals on ICP/MS & Pesticide Residues on GC/MS and LC/MS	
D) Course Period: Four days : Batch : 6th August to 9th August 2018	
E) Course Fee: Rs. 9000/- + GST Extra: @ 18%	

Terms & Conditions:

- Course fee includes Course material and Lunch.
- 10 % Discount to factories with 3 or more candidates per course.
- Special batch can be organized for candidates from one group of factories.
- If scheduled batches are full, additional batch will be taken in Sept. 2018.

Faculty:

- Dr.(Mrs) V.S. Keskar, Vice President ICUMSA, Referee GS 9 (PWS)
- Dr. S. S. Nimbalkar; Asso. Referee ICUMSA (Microbiology and Chemical Methods)

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