


ICAR- INDIAN INSTITUTE OF HORTICULTURAL RESEARCH
HESSARAGHATT LAKE POST, BENGALURU

2022-DARE-711987-1

SPECIFICATIONS FOR LC/IC-ICP-MS WITH ACCESSORIES

F.NO.5-62/22-23/SP/IIHR/

DATE: 29.09.2022

| Sl. No | Module | Tender Requirement | Amendment required |
|--------|--|--|---|
| B. 9 | Fully automated microwave digestion system | <ul style="list-style-type: none">• Minimum power output of 1400 watts or more.• Touch screen with storage capacity of more than 100 methods.• Should hold at least 12 no's high pressure vessels and should be high purity TFM-PTFE or equivalent. Vessel volume should be 100 ml. <p>Additional rotor should be quoted which can hold 50 mL vessels (20 nos vessels, two sets). All the required accessories for the use of these vessels in the quoted microwave digestion system should be provided.</p> <ul style="list-style-type: none">• Temperature capacity of 2600C and above maximum pressure 60 bar or more.• Should have Inbuilt exhaust system.• Good interlocking system for safety. Certified by necessary safety authority for safe operation.• The system software should meet the 21 CFR part 11 compliance and other GLP requirements.• Necessary tool kit for routine maintenance of the system should be provided.• The system should be compatible with USP 232 and 233 Methods | <ul style="list-style-type: none">• Minimum power output of 1200 watts or more.• Touch screen with storage capacity of more than 100 methods.• Should hold at least 12 nos high pressure vessels and should be high purity TFM-PTFE or equivalent. Vessel volume should be 50 mL. <p>All the required accessories for the use of these vessels in the quoted microwave digestion system should be provided.</p> <ul style="list-style-type: none">• Temperature capacity of 260⁰C and above; maximum pressure 40 bar or more.• Should have Inbuilt exhaust system.• Good interlocking system for safety. Certified by necessary safety authority for safe operation.• The system software should meet the 21 CFR part 11 compliance and other GLP requirements.• Necessary tool kit for routine maintenance of the system should be provided.• The system should be compatible with USP 232 and 233 methods <p align="right"> वरीष्ठ प्रशासनिक अधिकारी Senior Administrative Officer भाकृअनुष - भारतीय बागवानी अनुसंधान संस्थान ICAR - Indian Institute of Horticultural Research हेसरघट्टा लेक पोस्ट, बैंगलूरु-560 089</p> |