

TECHNICAL SPECIFICATIONS OF HOMOGENIZER (LOW VOLUME)- IMPORTED

Sr. No.	Specifications
1.	Equipment, materials and workmanship that meet other authoritative standards and which ensure at least substantially equal quality than the standards mentioned below will also be acceptable.
2.	Whenever reference is made in the Technical Specification to specific standards and codes to be met by the goods and material to be furnished or tested the provisions of the latest current edition or revision of the relevant standards or codes in effect shall apply, unless otherwise expressly stated in the contract. Where such standards or codes are national or related to a particular country or region, other authoritative standards that ensure substantial equivalence to the standards and codes specified will be acceptable
	Homogenizer (Low Volume)- Imported
	The homogenizer should be able to produce fine extracts from plant and animal tissue and have the following minimum specifications:
	<ul style="list-style-type: none"> • Should provide smooth operation and maintenance free motor mechanism without mechanical coupling
	<ul style="list-style-type: none"> • Should be extremely noise less (Max. Noise not more than 75 dB A)
	<ul style="list-style-type: none"> • Should have speed of more than 25000 rpm
	<ul style="list-style-type: none"> • Should have digital speed display
	<ul style="list-style-type: none"> • Working volume range 25 to 250 ml
	<ul style="list-style-type: none"> • Dispersing tools/ Shafts should be quoted for feed size fine and coarse plant extracts and made of high quality SS and capable of sterilizing.
	<ul style="list-style-type: none"> • Solvent resistant bearings
	<ul style="list-style-type: none"> • Should consume less power. Specify power consumption
	<ul style="list-style-type: none"> • Safety feature- equipment should have safety parameters against solvents, water and fumes (Splash proof)
	<ul style="list-style-type: none"> • Stand, Clamp, Vessel holding bracket
	<ul style="list-style-type: none"> • The equipment should be supplied with two types of homogenizing tools, one for fine substrate homogenizing (Slot width- 0.6mm) and other for coarse substrate homogenising (Slot width 2mm)
	<ul style="list-style-type: none"> • Dispersing Vessels- 25ml, 50ml, 100ml, 250ml(10 nos. each)
	<ul style="list-style-type: none"> • Equipment should have three years warranty.
	<ul style="list-style-type: none"> • Equipment should be compatible with 220 to 240 V AC supply
	<ul style="list-style-type: none"> • Warranty: Three years from the date of installation and AMC for the next three years.

Handwritten signature and date: 14/3/2012