

**Specification**

<b><sup>99</sup>Mo – <sup>99m</sup>Tc Generator Specifications</b>		
<b>No.</b>	<b>Item Specifications</b>	<b>Fill Your Specifications</b>
1	Activity: (30 and 15) GBq:	
2	Must be Dry Generator	
3	Name: <sup>99</sup> Mo- <sup>99m</sup> Tc Generator, manufacturing date, calibration date, expiry date should state on the label	
4	Full detailed product information should supplied with each generator including quality control report (Radionuclide purity, Radiochemical purity, Chemical purity and PH )	
5	Radionuclide purity: <sup>99</sup> Mo less than 0.1% for of the total eluate others radionuclide impurities less than 0.01% of the total eluate	
6	Radiochemical purity: Sodium pertechnetate more than 95% of the eluate	
7	Chemical purity: alumina less than 10 µg/ml of the eluate	
8	PH of the eluate between 4 and 8	
9	The packing should be shielded and transportation according to the international regulation (Transport index (1-10))	
10	specify the period (in hours) after elution the Sodium pertechnetate ( <sup>99m</sup> Tc) can be use	
11	The elution must be suitable for IV injection for human sterile, pyrogen free and sterile particle free dry wipes	
12	Elution efficiency more than 90%.	
13	Number of maximum Elutions from 10 to 15 times from the calibration date.	
14	Evacuated vials (Elution vials) not less than 20 vials.	
15	Normal Saline 0.9% w/v NaCl, 20 Vials.	
16	Elution vial Shield with lead glass window with the first Generator and in case of damage must be replaced free of charge.	
<b>I 131 Specifications</b>		
<b>No.</b>	<b>Item Specifications</b>	<b>Fill Your Specifications</b>
1	I 131 must be Capsules	
2	Name, manufacturing date, calibration date and time, expiry date should state on the label	
3	The packing should be shielded and transportation according to the international regulation (Transport index (0-1))	