

SPECIFICATIONS

4.Seema elavangam (cinnamon zeylanicum)

Sl.no	Parameters	Specification
1	Foreign matter	Not more than 2 per cent
2	Total Ash	Not more than 3 per cent
3	Acid-insoluble ash	ash Not more than 2 per cent
4	Alcohol-soluble extractive	Not less than 2 per cent
5	Water-soluble extractive	Not less than 3 per cent
6	Volatile oil	Not less than 1 per cent
7	TLC	As per standard

6.Kumkumapoovu (Saffron)

Sl.no	Parameters	Specification
1	Foreign organic matter	NMT2% styles NMT 10%
2	Ash content	NMT 7.5%
3	Acid insoluble ash	NMT 1%
4	TLC	Saffronal ,picrocrocin and crocin.
5	Spectroscopy	As per standard

60.Rakthachandanam

Sl no	Parameters	Specification
1	Foreign matter	Not more than 2 per cent
2	Total Ash	Not more than 2 per cent
3	Acid-insoluble ash	Not more than 0.3 per cent
4	Alcohol-soluble extractive	Not less than 3 per cent
5	Water-soluble extractive	Not less than 1 per cent
6	TLC	As per standard

The documents to prove the sources of procurement of Rakthachandanam are to be attached along with E- tender.

63. Kanmadam (Asphaltum)

Sl.no	Parameters	Specification
	Physico chemical	
1	Description	Black coloured semi solid free flowing with prominent cow's urine smell
2	pH	4-5.5
3	Solubility in water	Partially soluble in water
	Microbiological	
4	Total bacterial plate count	Not more than 10^5
5	Total Yeast & Mould count	Not more than 10^3
6	Specific pathogens	Absent

65. Manikunthirikkam (Oil Banam)

SI No	Parameter	Standard Value
1	Foreign Matter	Not more than 5 per cent
2	Total Ash	Not more than 10 percent
3	Acid- insoluble Ash	Not more than 8 percent
4	Alcohol-soluble extractive	Not less than 45 percent
5	Water-soluble extractive Appendix 2.2.7	Not less than 28 percent
6	TLC	As per standard

66. Navachalkayam (*Ferula Asfoetida*)

Sl.no	Parameters	Specification
1	Foreign matter	Not more than 2 per cent
2	Total Ash	Not more than 15 per cent
3	Acid-insoluble ash	Not more than 3 per cent
4	Alcohol-soluble extractive	Not less than 50 per cent
5	Water-soluble extractive	Not less than 50 per cent
6	TLC	As per standard

70. Castor Oil (Ordinary)

Sl.no	Parameters	Specification
1.	Description	Pale yellowish or almost colourless, transparent ,viscid liquid with characteristic smell. Free from sediments and suspended matter.
2.	Refractive Index	1.470-1.477
3.	Specific Gravity	0.945-0.965
4.	Acid value	Not more than 4
5.	Iodine Value	82-90
6.	Saponification Value	177-187
7.	Holde's Test	Negative

71. Castor Oil (Pure)

Sl.no	Parameters	Specification
1.	Description	Pale yellowish or almost colourless, ransparent ,viscid liquid with characteristic smell. Free from sediments and suspended matter.
2.	Refractive Index	1.470-1.477
3.	Specific Gravity	0.945-0.965
4.	Acid value	Not more than 2
5.	Iodine Value	82-90
6.	Saponification Value	177-187
7.	Holde's Test	Negative