

SPECIFICATIONS

3. Seemaelavangatholi (*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

5. 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

7. Kumkumapoovu (Saffron)

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

27. Gulgulu (I)

Sl.No	Parameter	Specification
1	Colour and shape	Brown to pale yellow, Irregular masses gummy to touch
2	Odour	Aromatic +++
3	Identification test	
	Boiled with water	Milky coloured solution +++
	Triturated with water	White emulsion +++
	Solubility in Alcohol	Emulsion partially soluble in Alcohol
	Burning test	It burns
4	Total ash	Not more than 10%
5	Thin layer chromatography	As per API standards

28. Gulgulu (II)

Sl.No	Parameter	Specification
1	Colour and shape	Brown to pale yellow, Irregular masses gummy to touch
2	Odour	Aromatic+
3	Identification test	
	Boiled with water	Milky coloured solution +
	Burning test	It burns
4	Total ash	Not more than 14%
5	Thin layer chromatography	As per API standards

30. Manikunthirikkam (Oil Banam)

SI No	Parameter	Standard Value
1	Foriegn 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 xtractive Appendix 2.2.7	Not less than 28 percent
6	TLC	As per standard

36. Lohabhasmam

Copy of manufacturing license should be uploaded along with E Tender.

37.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

38.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

80.Rakthachandanam

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

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