



“KUMARI (*Aloe vera* Tourn. ex Linn.)” A MIRACULOUS HERB ON THE EARTH- A CLASSICAL REVIEW

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ABSTRACT

Ayurveda describes the use of *Kumari* (*Aloe vera* Tourn. ex Linn., Liliaceae) for the management of different disease conditions in classical texts. In this article, an attempt has been made to compile as critically and its information related to *Kumari* from three *samhitas*, more than six *samgraha granthas*, and *seven nighantus* and other published texts. It is observed that root, leaves juice, extraction of *Kumari* are used as an ingredient in 267 formulations, which are effective in more than 41 disease conditions. The main indications include *kushtha* (skin disease), *jwara* (fever), *kshaya* (pulmonary tuberculosis), *arsha* (piles), *vrana* (wound), *striroga* (gynecological disorders), *prameha* (diabetes), *pandu* (jaundice), *daha* (burning sensation) etc., different parts of *Kumari* are used in about 12 dosage forms; such as *kvatha* (decoction), *lepa* (paste), *avaleha* (semi-solid preparations), *taila* (oil), *ghrita* (fat soluble preparations), *vati* (pills), *churna* (powder), *rasa* (mineral preparations) & *nasya* (nasal preparations).

KEY WORDS: *Aloe vera* Tourn. ex Linn.; *Ayurveda*, formulations, *Kumari*

INTRODUCTION

Ayurveda deals with drugs of plant, animal, metal and mineral origin, where maximum drugs are of plant origin.¹ Information pertaining this drugs are available in the classical texts of *Ayurveda* named as *Vedas* (6000 BC), *samhitas* (1500 BC-600 AD), *nighantu* and *samgraha granthas* (800 AD-1900 AD).² *Kumari*, one of the classical drug of herbal origin, botanically identified as *Aloe vera* Tourn. ex Linn., has been used by the *Ayurvedic* physicians, for the management of different disease conditions.

Aloe vera Tourn. ex Linn., is a perennial fleshy herb growing about 1 to 3 in high, leaves are large, succulent. Leaves are flat of slightly concave on the upper surface and strongly round on the lower surface.³

Texts of *Ayurveda*, systematically recorded the varieties, synonyms, part used, pharmacological properties, actions and indication of *Kumari* in respective texts, in their style of presentation. Its use, as an ingredient of compound formulations and as a single drug is recorded in *samhitas* (treaties) as well as in *samgraha granthas* (compendia of *Ayurveda*). On review it is observed that no single hand information is available regarding the uses and indication of *Kumari* as delineated in classical texts of *Ayurveda*. Hence in this article, an attempt has been made to present the same.

MATERIAL AND METHODS

Various available *samhitas* (classical texts), *nighantus* (lexicons), *samgraha granthas* (compendia) and some other texts related to *prayoga* were referred; the synonyms, properties, actions and various formulations with their *adhikara* (prime indication) were compiled, critically analyzed and arranged in a systemic manner.

RESULTS AND DISCUSSION

Ayurvedic lexicons describe the plant drug through *paryaya* (synonyms). On the basis of reported synonyms, it is observed that *Kumari* is treated as daughter in any house where ever it is grown. For describing its morphological and pharmacological characters in various texts. (Table 1)

Table-1 Synonyms of *Kumari* in different *nighantus* and their probable interpretation

	Synonyms ⁴⁻¹¹	Probable Interpretation ¹²⁻¹⁵
Morphological		
Habit	<i>Gruhakanya</i> <i>Maata</i> <i>Mandala</i>	Because of its sweet qualities, this plant is treated as daughter in any house where ever it is grown. The leaves are arranged in whorls.
Leaves	<i>GhrithaKumari</i> <i>Dirghapatrika</i> <i>Vipulastrava</i> <i>Sthuladala</i> <i>Bahupatra</i> <i>Sukantaka</i> <i>Akshikshira</i> <i>Mahapichchilapatrika</i> <i>Patramajjaka</i> <i>Kantakpravrutta</i> <i>Mrudu kanya</i> <i>Sthaleruha</i> <i>Ambudhistrava</i>	It contains ghee like juice in its leaves. Its leaves are 30-60cm long. Its leaves give rise to excessive secretions on cutting. It has very thick leaves. many leaves arising from the base. Thorns are arranged in borders. The pulp is very slimy in nature. The base of the plant spread over the ground. The exudates is vicid in nature.
Flowers	<i>Dandapushpi</i>	

Root	<i>Kumari</i> <i>Bhrungeshata</i> <i>Kantakpravrutta</i>	This is not deep rooted plant and it may prevent the growth of other plants. The flowers are attracted by bees.
Disease / roga	<i>Kanya</i> <i>Chakshushya</i> <i>Vranaghni</i> <i>Veera</i> <i>Ajara</i> <i>Amara</i>	It is well known for the properties like rasayana etc. It cures wound
Nature	<i>Sheeta</i> <i>Taruni</i>	It's cooling in nature.
Order	<i>Saha</i> <i>Dhikuar</i> <i>Kapila</i> <i>Rama</i> <i>Aphala</i>	It possesses some order.

Table-2: Pharmacological properties of Kumari in different nighantus¹⁶⁻¹⁸

RASA	GUNA	VEERYA	VIPAK	DOSHA KARMA	KARMA	ROGA GHNATA
<i>Tikta</i> <i>,Madhura</i>	<i>Sheeta,</i> <i>Saraka</i>	<i>Sheeta</i>	<i>Katu</i>	<i>Tridosha</i> <i>shamaka</i>	<i>Jwaraghna,</i> <i>agnidagdha,</i> <i>kushthaghna,</i> <i>vrushya,</i> <i>rajorodha,</i> <i>malabhedak,</i> <i>netrya,</i> <i>brunhana,</i> <i>Kasa hara,</i> <i>swas hara,</i> <i>vishaghna,</i> <i>rasayana,</i>	<i>Jwara, vrana, kushtha,</i> <i>vajikaran, rajoroga,</i> <i>vibandha, netra roga,</i> <i>Kasa, swasa, visha,</i> <i>dorbalya, Dhatu</i> <i>kshaya, Gulma, pliha</i> <i>vikara,</i> <i>yakrut vikar, vaman,</i> <i>visphotak</i>

PHARMACOLOGICAL PROPERTIES OF KUMARI

Kumari has been attributed with *Tikta, Madhura rasa, Sheet veerya, Katu vipak, Tridoshaghna* – *specialy kapha & pitta shamak, guna sheet, slakhana.*

It is being recommended to alleviate various disease conditions like *kushtha* (skin disease), *yakrit pleeha vrudhi* (hepato-splenomegaly), *jwara* (fever), *vrana* (wound), *netra roga* (eye disease), *gulma* (abdominal lump), *visphota* (boil), *vajikarana* (aphrodisiac), *vibandha* (constipation), *svitra* (leucoderma), *vamana* (vomiting), etc. (Table 2)

Table-3: Formulations of Kumari as noted in classical texts of Ayurveda¹⁹⁻³¹

Sr. No.	Formulation	I / E	Dosage form	Adhikar (prime indication)	Part used	Reference
1.	<i>Matulungabija yogaha</i>	I	<i>Bhavana dravya</i>	<i>Garbhadharan artha</i>	Leaves juice	BBR-4
2.	<i>Makardhvajo rasa-2</i>	I	<i>Rasa</i>	<i>Jwara</i>	Leaves juice	BBR-4

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3.	<i>Makardhvajo rasa-2</i>	I	<i>Rasa</i>	<i>Jwara</i>	Leaves juice	BBR-4
4.	<i>Madankamadevo rasa</i>	I	<i>Rasa</i>	<i>Vajikaran</i>	Leaves juice	BBR-4
5.	<i>Madhumanduram</i>	I	<i>Rasa</i>	<i>Pandu,kamala</i>	Leaves juice	BBR-4
6.	<i>Manaha shiladijwarankusah</i>	I	<i>Rasa</i>	<i>Jwara</i>	Leaves juice	BBR-4
7.	<i>Maha kalpa rasa</i>	I	<i>Rasa</i>	<i>Vata -Rakta</i>	Leaves juice	BBR-4
8.	<i>Maha taalakeshvar rasa</i>	I	<i>Rasa</i>	<i>Kushtha</i>	Leaves juice	BBR-4
9.	<i>Maha shita jwarankush rasa</i>	I	<i>Rasa</i>	<i>Jwara</i>	Leaves juice	BBR-4
10.	<i>Mukta panchamrit rasa</i>	I	<i>Rasa</i>	<i>Jirna jwara</i>	Leaves juice	BBR-4
11.	<i>Meha kesari rasa/prameha kulantako rasa</i>	I	<i>Vati</i>	<i>Prameha</i>	Leaves juice	BBR-4
12.	<i>Yogendra rasa</i>	I	<i>Vati</i>	<i>Vaat vyadhi</i>	Leaves juice	BBR-4
13.	<i>Rajah pravartini vati</i>	I	<i>Vati</i>	<i>Striroga</i>	Leaves juice	BBR-4
14.	<i>Raajikadi guti</i>	I	<i>Gutika</i>	<i>Swasa</i>	Leaves juice	BBR-4
15.	<i>Ratnagiri rasa</i>	I	<i>Rasa</i>	<i>Jwara</i>	Leaves juice	BBR-4
16.	<i>Rasa chandansu (vangeshvar rasa)</i>	I	<i>Rasa</i>	<i>Prameha</i>	Leaves juice	BBR-4
17.	<i>Rasa taleshvar rasa</i>	E	<i>Rasa</i>	<i>Kushtha</i>	Pulp of leaves	BBR-4
18.	<i>Rasa parpati (Ravi tandav rasa)</i>	I	<i>Rasa</i>	<i>Jwara</i>	Leaves juice	BBR-4
19.	<i>Rasa parpati</i>	I	<i>Rasa</i>	<i>Rajayakshma</i>	Leaves juice	BBR-4
20.	<i>Rasa manikya</i>	I	<i>Rasa</i>	<i>Rasayan</i>	Leaves juice	BBR-4
21.	<i>Rasa rajah</i>	I	<i>Vati</i>	<i>Vaat vyadhi</i>	Leaves juice	BBR-4
22.	<i>Rasavikar shamanopaya</i>	E	<i>Lepa</i>	<i>Rasa vikar</i>	Leaves juice	BBR-4
23.	<i>Rasendra gutika</i>	I	<i>Gutika</i>	<i>Rajayakshama</i>	Leaves juice	BBR-4
24.	<i>Raja taleshvar rasa</i>	I	<i>Rasa</i>	<i>Kushtha</i>	Leaves juice	BBR-4
25.	<i>Laghu panchmula yoga</i>	I	<i>Kwath</i>	<i>Mutrakruchha</i>	Leaves juice	BBR-4
26.	<i>Lavangadi guti</i>	I	<i>Gutika</i>	<i>Swasa</i>	Leaves juice	BBR-4
27.	<i>Lahari tarango rasa</i>	I	<i>Rasa</i>	<i>Sannipata</i>	Leaves juice	BBR-4
28.	<i>Lokanath rasa</i>	I	<i>Rasa</i>	<i>Pliha</i>	Leaves juice	BBR-4
29.	<i>Lochana shulaghni pottali</i>	E	<i>Pottali</i>	<i>Netra roga</i>	Leaves juice	BBR-4
30.	<i>Vangeshvar rasa</i>	I	<i>Rasa</i>	<i>Vajikarana</i>	Leaves juice	BBR-4
31.	<i>Vangeshvar rasa</i>	I	<i>Vati</i>	<i>Prameha</i>	Leaves juice	BBR-4
32.	<i>Vangeshvar rasa</i>	I	<i>Vati</i>	<i>Prameha</i>	Leaves juice	BBR-4
33.	<i>Vata gajendrasinha</i>	I	<i>Vati</i>	<i>Aamavata</i>	Leaves juice	BBR-4
34.	<i>Vata chintamani rasa</i>	I	<i>Vati</i>	<i>Vata vyadhi</i>	Leaves juice	BBR-4
35.	<i>Vata rakshasa rasa</i>	I	<i>Vati</i>	<i>Vata vyadhi</i>	Leaves juice	BBR-4
36.	<i>Vantihrid rasa</i>	I	<i>Rasa</i>	<i>Chardi</i>	Leaves juice	BBR-4
37.	<i>Vaaritandava rasa</i>	I	<i>Rasa</i>	<i>Bhagandara</i>	Leaves juice	BBR-4
38.	<i>Bruhat kanchanabhra rasa</i>	I	<i>Vati</i>	<i>Rajyakshama</i>	Leaves juice	BBR-4,RSS
39.	<i>Vrana ropana rasa</i>	I	<i>Rasa</i>	<i>Gandamala</i>	Leaves juice	BBR-4
40.	<i>Lokanath rasa</i>	I	<i>Rasa</i>	<i>Yakrut, pliha</i>	Leaves juice	CD
41.	<i>Gandhmruoto rasa</i>	I	<i>Rasa</i>	<i>Vajikaran</i>	Leaves juice	RCM,BBR-2,YR
42.	<i>Chandrodaya rasa</i>	E	<i>Rasa</i>	<i>Vajikaran</i>	Leaves juice	RCM
43.	<i>Trinetra rasa</i>	I	<i>Rasa</i>	<i>Rasayan</i>	Leaves juice	RCM
44.	<i>Siddhayogeshvar rasa</i>	I	<i>Rasa</i>	<i>Rasayan</i>	Leaves juice	RCM
45.	<i>Chaturmukha rasa</i>	I	<i>Rasa</i>	<i>Vata vyadhi</i>	Leaves juice	RCM, RSS
46.	<i>Vahnisiddha rasa</i>	I	<i>Rasa</i>	-	Leaves juice	RCM
47.	<i>Ratnagiri rasa</i>	I	<i>Rasa</i>	<i>Jwara</i>	Leaves juice	RCM
48.	<i>Paandvari rasa</i>	I	<i>Vati</i>	<i>Pandu</i>	Leaves juice	RCM
49.	<i>Vangeshvar rasa</i>	I	<i>Vati</i>	<i>Pandu</i>	Leaves juice	RCM
50.	<i>Pandunigrah rasa</i>	I	<i>Vati</i>	<i>Pandu</i>	Leaves juice	RCM

51.	<i>Parpati rasa</i>	I	<i>Vati</i>	<i>Pandu</i>	Leaves juice	RCM
52.	<i>Suryavarta rasa</i>	I	<i>Rasa</i>	<i>Hikka, swasa</i>	Leaves juice	BBR-5,SS,RSS
53.	<i>Meha kesari rasa</i>	I	<i>Vati</i>	<i>Kapha</i>	Leaves juice	RCM
54.	<i>Somnaath rasa</i>	I	<i>Vati</i>	<i>Kapha</i>	Leaves juice	RCM
55.	<i>Bruhallokanath rasa</i>	I	<i>Rasa</i>	<i>Udar roga</i>	Leaves juice	RCM,RSS
56.	<i>Mahagulmakalan rasa</i>	I	<i>Rasa</i>	<i>Udar roga</i>	Leaves juice	RCM
57.	<i>Pushtyankusha rasa</i>	I	<i>Vati</i>	<i>Sthoulya</i>	Leaves juice	RCM
58.	<i>Bhagandarharo rasa</i>	E	<i>Churna</i>	<i>Bhagandar</i>	Leaves juice	RCM
59.	<i>Vrana ropana rasa</i>	I	<i>Rasa</i>	<i>Vrana</i>	Leaves juice	RCM
60.	<i>Taalakeshvar rasa</i>	I	<i>Vati</i>	<i>Kushtha</i>	Leaves juice	RCM
61.	<i>Rasa taaleshvar rasa</i>	E	<i>Rasa</i>	<i>Kushtha</i>	Leaves juice	RCM
62.	<i>Hemadri rasa</i>	I	<i>Rasa</i>	<i>Kshudra</i>	Leaves juice	RCM
63.	<i>Pradarantak rasa</i>	I	<i>Rasa</i>	<i>Stri roga</i>	Leaves juice	RCM
64.	<i>Shvitragajasinha tailam</i>	E	<i>Taila</i>	<i>Kushth</i>	Leaves juice	BBR-5
65.	<i>Shankhodar rasa</i>	I	<i>Rasa</i>	<i>Kshaya</i>	Leaves juice	BBR-5
66.	<i>Shitamanji rasa</i>	I	<i>Rasa</i>	<i>Jwara</i>	Leaves juice	BBR-5
67.	<i>Shitamanji rasa</i>	I	<i>Rasa</i>	<i>Jwara</i>	Leaves juice	BBR-5
68.	<i>Shitamanji rasa</i>	I	<i>Rasa</i>	<i>Jwara</i>	Leaves juice	BBR-5
69.	<i>Sira gutika</i>	I	<i>Gutika</i>	<i>Udar roga</i>	Leaves juice	BBR-5
70.	<i>Sarveshvar rasa</i>	I	<i>Vati</i>	<i>Prameha</i>	Leaves juice	BBR-5
71.	<i>Suryasiddha rasa</i>	I	<i>Rasa</i>	<i>Jwara</i>	Leaves juice	BBR-5
72.	<i>Somapani rasa</i>	I	<i>Vati</i>	<i>Sannipat</i>	Leaves juice	BBR-5, RCM
73.	<i>Svayamanni rasa</i>	I	<i>Rasa</i>	<i>Kasa</i>	Leaves juice	BBR-5, RCM
74.	<i>Svarnapatra rasa</i>	I	<i>Rasa</i>	<i>Kshaya</i>	Leaves juice	BBR-5
75.	<i>Svarna sinduram</i>	I	<i>Rasa</i>	<i>Vajikaran</i>	Leaves juice	BBR-5
76.	<i>Hemagarbha pottali</i>	I	<i>Pottali</i>	<i>Kasa</i>	Leaves juice	BBR-5, YR
77.	<i>Hemadi parpati rasa</i>	I	<i>Rasa</i>	<i>Kasa</i>	Leaves juice	BBR-5
78.	<i>Ajmodadi bhasma churnam</i>	I	<i>Churna</i>	-	Leaves juice	BBR-5
79.	<i>Anakilbijatailam</i>	E	<i>Taila</i>	<i>Keshya</i>	Leaves juice	BBR-5
80.	<i>Amrutasrava rasa</i>	I	<i>Rasa</i>	<i>Pandu</i>	Leaves juice	BBR-5
81.	<i>Aarogyalavanam</i>	I	<i>Churna</i>	<i>Gulma</i>	Leaves juice	BBR-5
82.	<i>Indravarunyadilepa</i>	E	<i>Lepa</i>	<i>Stana</i>	Leaves juice	BBR-5
83.	<i>Indravarunyadilepa</i>	E	<i>Lepa</i>	<i>Stana</i>	Leaves juice	BBR-5, VJ
84.	<i>Kumaryasava</i>	I	<i>Aasava</i>	<i>Prameha, gulma</i>	Leaves juice	BBR-5, SBMM, YR, GN, SS
85.	<i>Kumarikadi lepa</i>	E	<i>Lepa</i>	<i>Upadamsha</i>	Leaves juice	BBR-5
86.	<i>Kumarimula yoga</i>	E	<i>Lepa</i>	<i>Stri roga</i>	Root	BBR-5
87.	<i>Kamadevorasa</i>	I	<i>Rasa</i>	<i>Vajikaran</i>	Leaves juice	BBR-5
88.	<i>Kushthaghna rasa</i>	E	<i>Lepa</i>	<i>Kushtha</i>	Leaves juice	BBR-5
89.	<i>Ajeyaghreetam</i>	I	<i>Ghreet</i>	<i>Sarva roga</i>	Leaves pulp	BBR-1
90.	<i>Agandhakarpar parpati</i>	I	<i>Rasa</i>	<i>Swasa</i>	Leaves juice	BBR-1
91.	<i>Agnikumaro rasa</i>	I	<i>Leha</i>	<i>Stholya</i>	Leaves juice	BBR-1, RRS
92.	<i>Agni rasa</i>	I	<i>Rasa</i>	<i>Kshaya, swasa</i>	Leaves juice	BBR-1, SS
93.	<i>Mrutotthapanabhrakbhasma</i>	I	<i>Churna</i>	<i>Sannipat</i>	Leaves juice	BBR-1
94.	<i>Arbudaharo rasa</i>	I	<i>Rasa</i>	<i>Arbuda</i>	Leaves juice	BBR-1
95.	<i>Ashtavakra rasa</i>	I	<i>Rasa</i>	<i>Rasayan</i>	Leaves juice	BBR-1
96.	<i>Udaya bhaskaro rasa</i>	I	<i>Rasa</i>	<i>Atisaar</i>	Leaves juice	BBR-1
97.	<i>Udayadityo rasa</i>	I	<i>Rasa</i>	<i>Kushtha</i>	Leaves juice	BBR-1, RRS
98.	<i>Eleyak tailam</i>	E	<i>Taila</i>	<i>Jalodara</i>	Leaves juice	BBR-1
99.	<i>Kumarimuladi vamana</i>	I	<i>Kwath</i>	<i>Jwara</i>	Root	BBR-1
100.	<i>Kumari vati</i>	I	<i>Vati</i>	<i>Parishi</i>	Leaves juice	BBR-1, BR

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101.	<i>Kumari paka</i>	I	<i>Leha</i>	<i>Kshaya</i>	Root	BBR-1
102.	<i>Kandarpa sara tailam</i>	E	<i>Taila</i>	<i>Kushtha</i>	Leaves pulp	BBR-1, BR
103.	<i>Kumaryadi lepa</i>	E	<i>Lepa</i>	<i>Netra roga</i>	Leaves pulp	BBR-1
104.	<i>Kumarikanda nasya</i>	I	<i>Nasya</i>	<i>Kamala</i>	Root	BBR-1
105.	<i>Kamalavilas rasa</i>	I	<i>Rasa</i>	<i>Prameha</i>	Leaves juice	BBR-1
106.	<i>Gandhak rasayana</i>	I	<i>Churna</i>	<i>Rasayan</i>	Leaves juice	VS, BBR-2
107.	<i>Shadaguna gandhakjirna rasasindur</i>	I	<i>Rasa</i>	<i>Jwara</i>	Leaves juice	RT
108.	<i>Makardhvaj</i>	I	<i>Rasa</i>	<i>Rasayan</i>	Leaves juice	RT
109.	<i>Ravitandav rasa</i>	I	<i>Rasa</i>	<i>Bhagandar</i>	Leaves pulp	RT
110.	<i>Suryavarta rasa</i>	I	<i>Rasa</i>	<i>Swasa</i>	Leaves juice	RT
111.	<i>Antrashoshantak rasa</i>	I	<i>Rasa</i>	<i>Kshaya</i>	Leaves pulp	RT
112.	<i>Manikya mihirodaya rasayanam</i>	I	<i>Vati</i>	<i>Rasayan</i>	Leaves pulp	RT
113.	<i>Mukta panchamrita rasayan</i>	I	<i>Rasa</i>	<i>Jirna jwara</i>	Leaves juice	RT, YR
114.	<i>Amrut rasayan</i>	I	<i>Vati</i>	<i>Kasa</i>	Leaves juice	RT
115.	<i>Unmaadgajankush rasa</i>	I	<i>Vati</i>	<i>Unmaad</i>	Leaves juice	RT
116.	<i>Udayadi rasa</i>	I	<i>Rasa</i>	<i>Sweta kushtha</i>	Leaves juice	SS
117.	<i>Madana kamadeva rasa</i>	I	<i>Rasa</i>	<i>Vajikaran</i>	Leaves juice	SS, YR
118.	<i>Loha rasayan</i>	I	<i>Rasa</i>	<i>Vajikaran</i>	Leaves juice	SS
119.	<i>Chandrakala rasa</i>	I	<i>Vati</i>	<i>Pitta roga, mutrakruchra</i>	Leaves juice	YR, RRS
120.	<i>Madhumandur</i>	I	<i>Rasa</i>	<i>Pandu</i>	Leaves juice	YR
121.	<i>Trailokyanatha rasa</i>	I	<i>Rasa</i>	<i>Rakta-pitta</i>	Leaves juice	YR
122.	<i>Chaturmukha rasa</i>	I	<i>Rasa</i>	<i>Yakshama</i>	Leaves juice	YR, BBR-2, RSS
123.	<i>Parpati rasa</i>	I	<i>Rasa</i>	<i>Kasa</i>	Leaves juice	YR
124.	<i>Vantihrid rasa</i>	I	<i>Rasa</i>	<i>Trushna</i>	Leaves juice	YR
125.	<i>Maha lakshminarayan taila</i>	E	<i>Taila</i>	<i>Vata vyadhi</i>	panchang	YR
126.	<i>Vadavanala rasa</i>	I	<i>Rasa</i>	<i>Gulma</i>	Leaves juice	YR
127.	<i>Maha vangeshvar rasa</i>	I	<i>Rasa</i>	<i>Prameha</i>	Leaves juice	YR
128.	<i>Gunjadi udvartan</i>	E	<i>Ubtan</i>	<i>Kushtha</i>	Leaves juice	YR
129.	<i>Pippalyadi churna</i>	I	<i>Churna</i>	<i>Visha</i>	Leaves pulp	YR
130.	<i>Gara nashan rasa</i>	I	<i>Rasa</i>	<i>Visha</i>	Leaves juice	YR, BBR-2
131.	<i>Chandrodaya rasa</i>	I	<i>Rasa</i>	<i>Vajikaran</i>	Leaves juice	YR, RSS, RRS,
132.	<i>Dipika rasa</i>	I	<i>Rasa</i>	<i>Jwara</i>	Leaves juice	RRS, BBR-3
133.	<i>Parpati rasa</i>	I	<i>Rasa</i>	<i>Swara bhanga</i>	Leaves juice	RRS
134.	<i>Pittarsho rasa</i>	I	<i>Rasa</i>	<i>Arsha</i>	Leaves juice	RRS
135.	<i>Tikshnamukha rasa</i>	I	<i>Rasa</i>	<i>Arsha</i>	Leaves juice	RRS, RSS, BBR-2
136.	<i>Vahnijwala vati rasa</i>	I	<i>Vati</i>	<i>Grahani</i>	Leaves juice	RRS
137.	<i>Pramehadavudaya bhaskar rasa</i>	I	<i>Rasa</i>	<i>Prameha</i>	Leaves juice	RRS
138.	<i>Shofado kameshvara rasa</i>	I	<i>Vati</i>	<i>Pandu</i>	Leaves juice	RRS
139.	<i>Talakeshvara rasa</i>	I	<i>Rasa</i>	<i>Kushtha</i>	Leaves juice	RRS
140.	<i>Krushni karan yoga</i>	E	<i>Lepa</i>	<i>Shvitra</i>	Satva	RRS
141.	<i>Nirgundidhadipralepam</i>	E	<i>Lepa</i>	<i>Kushtha</i>	Leaves juice	RRS
142.	<i>Pamadou gunjadyudavartanam</i>	E	<i>Lepa</i>	<i>Kushtha</i>	Leaves juice	RRS
143.	<i>Shushka kandarva ghrutakumaryadi lepa</i>	E	<i>Lepa</i>	<i>Kushtha</i>	Leaves juice	RRS
144.	<i>Amrutprasha churnam</i>	I	<i>churna</i>	<i>Pitta roga</i>	Leaves juice, Root	RRS
145.	<i>Shirobhumadabaeleyak taila</i>	E	<i>Taila</i>	<i>Pitta roga</i>	Leaves juice	RRS

146.	<i>Ravitandav rasa</i>	I	<i>Rasa</i>	<i>Bhagandar</i>	Leaves juice	RRS, RSS
147.	<i>Arbuda hara rasa</i>	I	<i>Rasa</i>	<i>Arbuda</i>	Leaves juice	RRS
148.	<i>Lingapake jirak prayog</i>	E	<i>Lepa</i>	<i>Lingottha paka</i>	Leaves juice	RRS
149.	<i>Kamalavilas rasa</i>	I	<i>Rasa</i>	<i>Rasayan</i>	Leaves juice	RRS
150.	<i>Kusumayuv rasa</i>	I	<i>Rasa</i>	<i>Vajikaran</i>	Leaves juice	RRS
151.	<i>Kshayado rasakalpa</i>	I	<i>Rasa</i>	<i>Kshaya</i>	Leaves juice	RRS
152.	<i>Taruna jwarari rasa</i>	I	<i>Vati</i>	<i>Jwara</i>	Leaves juice	RSS
153.	<i>Traelokyachintamani rasa</i>	I	<i>Vati</i>	<i>Jirna jwar, vata vyadhi</i>	Leaves juice	RSS
154.	<i>Visham jwarantak loham</i>	I	<i>Rasa</i>	<i>Visham jwara</i>	Leaves juice	RSS
155.	<i>Vamana yoga</i>	I	<i>Kalka</i>	<i>Visham jwara</i>	Leaves juice	RSS
156.	<i>Chaturthak jwarari rasa</i>	I	<i>Vati</i>	<i>Visham jwara</i>	Leaves juice	RSS
157.	<i>Tikshnamukho rasa</i>	I	<i>Rasa</i>	<i>Arsha</i>	Leaves juice	RSS
158.	<i>Loha parpati rasa</i>	I	<i>Rasa</i>	<i>Swasa</i>	Leaves juice	RSS
159.	<i>Chaturbhujra rasa</i>	I	<i>Rasa</i>	<i>Unmaad</i>	Leaves juice	RSS, BBR-2
160.	<i>Chintamani rasa</i>	I	<i>Vati</i>	<i>Vata vyadhi</i>	Leaves juice	RSS
161.	<i>Mahagulma kalanalo rasa</i>	I	<i>Rasa</i>	<i>Gulma</i>	Leaves juice	RSS
162.	<i>Kumarika yogo rasa</i>	I	<i>Kalka</i>	<i>Prameha</i>	Leaves pulp	RSS
163.	<i>Mehakesari rasa</i>	I	<i>Vati</i>	<i>Prameha</i>	Leaves juice	RSS
164.	<i>Bruhat somanath rasa</i>	I	<i>Vati</i>	<i>Soma roga</i>	Leaves juice	RSS
165.	<i>Bhagandar haro rasa</i>	I	<i>Rasa</i>	<i>Pleha</i>	Leaves juice	RSS
166.	<i>Taalshvari rasa</i>	I	<i>Rasa</i>	<i>Kushtha</i>	Root	RSS
167.	<i>Raajtaleshvaro rasa</i>	I	<i>Vati</i>	<i>Kushtha</i>	Leaves juice	RSS
168.	<i>Pradarantak loham</i>	I	<i>Vati</i>	<i>Pradar</i>	Leaves juice	RSS
169.	<i>Bruhatpurna Chandra haro rasa</i>	I	<i>Vati</i>	<i>Rasayan, vajikaran</i>	Leaves juice	RSS
170.	<i>Mahanilakantho rasa</i>	I	<i>Vati</i>	<i>Rasayan, vajikaran</i>	Leaves juice	RSS
171.	<i>Navasar bhasma</i>	I	<i>Churna</i>	<i>Gulma</i>	Leaves juice	BBR-3
172.	<i>Nageshvarha</i>	I	<i>Churna</i>	<i>Kustha</i>	Leaves juice	BBR-3
173.	<i>Pippalyadi churna</i>	I	<i>Churna</i>	<i>Bala roga</i>	Root	BBR-3
174.	<i>Panchamrita rasa</i>	I	<i>Vati</i>	<i>Kasa</i>	Leaves juice	BBR-3
175.	<i>Pandukuthar rasa</i>	I	<i>Churna</i>	<i>Pandu</i>	Leaves juice	BBR-3
176.	<i>Pandvari rasa</i>	I	<i>Rasa</i>	<i>Pandu</i>	Leaves juice	BBR-3
177.	<i>Paaniya vatika</i>	I	<i>Vati</i>	<i>Jwara</i>	Leaves juice	BBR-3
178.	<i>Pittarshohara rasa</i>	I	<i>Rasa</i>	<i>Arsha</i>	Leaves juice	BBR-3
179.	<i>Purnachandro rasa</i>	I	<i>Vsti</i>	<i>Vajikaran</i>	Leaves juice	BBR-3
180.	<i>Prachanda bhairavo rasa</i>	I	<i>Vati</i>	<i>Apasmara</i>	Root	BBR-3
181.	<i>Pradarantako rasa</i>	I	<i>Vati</i>	<i>Pradara</i>	Leaves juice	BBR-3
182.	<i>Pramadebhankush rasa</i>	I	<i>Rasa</i>	<i>Prameha</i>	Leaves juice	BBR-3
183.	<i>Baaladyam ghritam</i>	I	<i>Ghreet</i>	<i>Bhuta graham</i>	Leaves juice	BBR-3
184.	<i>Brahmi ghreetam</i>	I	<i>Ghreet</i>	<i>Swasa, Kasa</i>	Root	BBR-3
185.	<i>Bhasmark churnam</i>	I	<i>Churna</i>	<i>Grahani</i>	Leaves juice	BBR-3
186.	<i>Bhagyardi gutika</i>	I	<i>Gutika</i>	<i>Swasa, Kasa</i>	Leaves juice	BBR-3
187.	<i>Bhasmamrita rasa</i>	I	<i>Rasa</i>	<i>Parada marana</i>	Leaves juice	BBR-3
188.	<i>Bhuta bhairav churnam</i>	I	<i>Churna</i>	<i>Jwara</i>	Leaves juice	BBR-3
189.	<i>Gandhak kalpa</i>	I	<i>Kalpa</i>	<i>Rasayan</i>	Leaves juice	BBR-2
190.	<i>Gulma kalanalo rasa</i>	I	<i>Rasa</i>	<i>Gulma</i>	Leaves juice	BBR-2
191.	<i>Grahanyari rasa</i>	I	<i>Rasa</i>	<i>Sangrahani</i>	Leaves juice	BBR-2
192.	<i>Chandrakala rasa</i>	I	<i>Vati</i>	<i>Daha</i>	Leaves juice	BBR-2
193.	<i>Chandranshu rasa</i>	I	<i>Vati</i>	<i>Stri roga</i>	Leaves juice	BBR-2
194.	<i>Chandrodayo rasa</i>	I	<i>Rasa</i>	<i>Jwara</i>	Leaves juice	BBR-2

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195.	<i>Chandrodayo rasa</i>	I	<i>Rasa</i>	<i>Vajikaran</i>	Leaves juice	BBR-2
196.	<i>Chaturthikari rasa</i>	I	<i>Vati</i>	<i>Jwara</i>	Leaves juice	BBR-2
197.	<i>Chitravibhandako rasa</i>	I	<i>Rasa</i>	<i>Bhagandar</i>	Leaves juice	BBR-2
198.	<i>Chintamani rasa</i>	I	<i>Vati</i>	<i>Vata vyadhi</i>	Leaves juice	BBR-2
199.	<i>Chudamani rasa</i>	I	<i>Rasa</i>	<i>Yakshma</i>	Leaves juice	BBR-2
200.	<i>Jaepala vati</i>	I	<i>Vati</i>	<i>Jwara</i>	Leaves juice	BBR-2
201.	<i>Jwarari rasa</i>	I	<i>Vati</i>	<i>Rasayan</i>	Leaves juice	BBR-2
202.	<i>Taruna jwarari rasa</i>	I	<i>Vati</i>	<i>Jwara</i>	Leaves juice	BBR-2
203.	<i>Tamra bhasma prayog</i>	I	<i>Rasa</i>	<i>Garahani</i>	Leaves juice	BBR-2
204.	<i>Tamra bhasma prayog</i>	I	<i>Rasa</i>	<i>Aama</i>	Leaves juice	BBR-2
205.	<i>Talakanko rasa</i>	I	<i>Rasa</i>	<i>Jwara</i>	Leaves juice	BBR-2
206.	<i>Talakadi jwarankusha</i>	I	<i>Churna</i>	<i>Jwara</i>	Leaves juice	BBR-2
207.	<i>Talakeshvar rasa</i>	I	<i>Rasa</i>	<i>Kushtha</i>	Leaves juice	BBR-2
208.	<i>Talakeshvar rasa</i>	I	<i>Rasa</i>	<i>Kushtha</i>	Root juice	BBR-2
209.	<i>Talakeshvaro rasa</i>	I	<i>Rasa</i>	<i>Kushtha</i>	Leaves juice	BBR-2
210.	<i>Talakeshvaro rasa</i>	I	<i>Vati</i>	<i>Kushtha</i>	Leaves juice	BBR-2
211.	<i>Talakeshvaro rasa</i>	I	<i>Rasa</i>	<i>Kushtha</i>	Leaves juice	BBR-2
212.	<i>Tutthadik jwarankusha rasa</i>	I	<i>Rasa</i>	<i>Jwara</i>	Leaves juice	BBR-2
213.	<i>Tridosha shaman rasa</i>	I	<i>Rasa</i>	<i>Sannipat jwara</i>	Leaves juice	BBR-2
214.	<i>Tripuyra bhairavi rasa</i>	I	<i>Rasa</i>	<i>Shoola</i>	Leaves juice	BBR-2
215.	<i>Tripurasundaro rasa</i>	I	<i>Vati</i>	<i>Aamashaya</i>	Leaves juice	BBR-2
216.	<i>Trailokya chintamani rasa</i>	I	<i>Vati</i>	<i>Jwara</i>	Leaves juice	BBR-2
217.	<i>Trailokya chintamani rasa</i>	I	<i>Vati</i>	<i>Vata vyadhi</i>	Leaves juice	BBR-2
218.	<i>Trailokya nath rasa</i>	I	<i>Rasa</i>	<i>Pandu</i>	Leaves juice	BBR-2
219.	<i>Trayambkabhram</i>	I	<i>Vati</i>	<i>Swarabheda</i>	Leaves juice	BBR-2
220.	<i>Makardhvaj rasa</i>	I	<i>Rasa</i>	<i>Rasayan, sannipat jwara</i>	Leaves pulpa	BR
221.	<i>Rasagandhak parpati</i>	I	<i>Rasa</i>	-	Leaves pulpa	BR
222.	<i>Pippaladyasava</i>	I	<i>Aasava</i>	<i>Kshaya</i>	Saar	BR
223.	<i>Tikshna mukho rasa</i>	I	<i>Rasa</i>	<i>Arsha</i>	Leaves pulpa	BR
224.	<i>Chudamani rasa</i>	I	<i>Rasa</i>	<i>Kshaya</i>	Leaves juice	BR
225.	<i>Muktapanchamrita rasa</i>	I	<i>Rasa</i>	<i>Kshaya</i>	Leaves juice	BR
226.	<i>Trayambkabhrama</i>	I	<i>Rasa</i>	<i>Swara bheda</i>	Leaves juice	BR
227.	<i>Chaturbhuj rasa</i>	I	<i>Rasa</i>	<i>Apasmara</i>	Leaves juice	BR
228.	<i>Chintamani rasa</i>	I	<i>Rasa</i>	<i>Apasmar</i>	Leaves juice	BR
229.	<i>Chintamani chaturmukha</i>	I	<i>Rasa</i>	<i>Apasmar</i>	Leaves pulp	BR
230.	<i>Vata chintamani bruhat</i>	I	<i>Vati</i>	<i>Vata-pitta roga</i>	Leaves juice	BR
231.	<i>Yogendra rasa</i>	I	<i>Rasa</i>	<i>Kshaya</i>	Leaves juice	BR
232.	<i>Vata gajendra sinha</i>	I	<i>Vati</i>	<i>Vajikaran</i>	Leaves juice	BR
233.	<i>Badavanalo rasa</i>	I	<i>Rasa</i>	<i>Grahani</i>	Leaves juice	BR
234.	<i>Mrugshrung bhasma</i>	I	<i>Rasa</i>	<i>Shoola</i>	Leaves juice	BR
235.	<i>Ratnakar</i>	I	<i>Vati</i>	<i>Hrida roga</i>	Leaves juice	BR
236.	<i>Chandrakala rasa</i>	I	<i>Rasa</i>	<i>Daha</i>	Leaves juice	BR
237.	<i>Mehakesari rasa</i>	I	<i>Vati</i>	<i>Prameha</i>	Leaves juice	BR
238.	<i>Vangeshvaro rasa</i>	I	<i>Vati</i>	<i>Prameha</i>	Leaves juice	BR
239.	<i>Vangeshvaro bruhat</i>	I	<i>Vati</i>	<i>Prameha</i>	Leaves juice	BR
240.	<i>Prameha chintamani rasa</i>	I	<i>Vati</i>	<i>Prameha</i>	Leaves juice	BR, YR
241.	<i>Lokanatho rasa bruhat</i>	I	<i>Rasa</i>	<i>Pliha</i>	Leaves juice	BR
242.	<i>Shashishekhar rasa</i>	I	<i>Rasa</i>	<i>Aantra vruddhi</i>	Leaves juice	BR
243.	<i>Chitravimandako rasa</i>	I	<i>Rasa</i>	<i>Bhagandar</i>	Leaves juice	BR
244.	<i>Bhagandarharo rasa</i>	I	<i>Rasa</i>	<i>Bhagandar</i>	Leaves juice	BR
245.	<i>Talakesvar rasa</i>	I	<i>Rasa</i>	<i>Kushtha</i>	Leaves juice	BR

246.	<i>Mahatalakeshvar rasa</i>	I	<i>Rasa</i>	<i>Kushtha</i>	Leaves juice	BR
247.	<i>Kandarpsaar taila</i>	E	<i>Taila</i>	<i>Kushtha</i>	Leaves juice	BR
248.	<i>Kumaritailam</i>	E	<i>Taila</i>	<i>Abhyang</i>	Leaves juice	BR
249.	<i>Pradarantak rasa</i>	I	<i>Rasa</i>	<i>Pradar</i>	Leaves juice	BR
250.	<i>Rajah pravartini vati</i>	I	<i>Vati</i>	<i>Stri roga</i>	Leaves juice	BR
251.	<i>Dhatakyadi tailam</i>	E	<i>Taila</i>	<i>Abhyang</i>	Leaves juice	BR
252.	<i>Kumarkalyano rasa</i>	I	<i>Rasa</i>	<i>Bala roga</i>	Leaves juice	BR
253.	<i>Purna Chandra rasa</i>	I	<i>Vati</i>	<i>Rasayan</i>	Leaves juice	BR
254.	<i>Siddhamakardhvajah</i>	I	<i>Rasa</i>	<i>Sannipat jwara</i>	Leaves juice	BR
255.	<i>Ashtavakra rasa</i>	I	<i>rasa</i>	<i>Vajikaran</i>	Leaves juice	BR
256.	<i>Angakusumah</i>	I	<i>Vati</i>	<i>Vajikaran</i>	Leaves juice	BR
257.	<i>Gandhamrut rasa</i>	I	<i>Rasa</i>	<i>Rasayan</i>	Leaves juice	BR
258.	<i>Makardhvajo rasa</i>	I	<i>Rasa</i>	<i>Rasayan</i>	Leaves juice	BR
259.	<i>Swarna sinduram</i>	I	<i>Rasa</i>	<i>Rasayan</i>	Leaves juice	BR
260.	<i>Chandrodaya makardhvaj</i>	I	<i>Vati</i>	<i>Sarva roga</i>	Leaves juice	BR
261.	<i>Tripur sundaro rasa</i>	I	<i>Vati</i>	<i>Sarva roga</i>	Leaves juice	BR
262.	<i>Kshirodadhi rasa</i>	I	<i>Vati</i>	<i>Kshaya</i>	Leaves juice	BR
263.	<i>Kumari vati</i>	I	<i>Vati</i>	<i>Snayu vikar</i>	Leaves juice	BR
264.	<i>Skhalityadi rasa</i>	I	<i>Rasa</i>	<i>Skhalitya</i>	Leaves juice	BR
265.	<i>Madana kamadeva rasa</i>	I	<i>Rasa</i>	<i>Vajikaran</i>	Leaves juice	BR
266.	<i>Shashishekhar rasa</i>	I	<i>Vati</i>	<i>Vata-kapha</i>	Leaves juice	BR
267.	<i>Bhutabhaerava rasa</i>	I	<i>Vati</i>	<i>Unmade</i>	Leaves juice	BR

SS- Sharangdhar samhita¹⁹, VS- Vangasena samhita²⁰, RRS- Rasa Ratna Samuchaya²¹, RS- Rasa Tarangini²², RSS- Rasendra Sara Sangraha²³, RCM- Rasendra Chintamani²⁴, CD- Chakradutt²⁵, YR- Yoga Ratnakara²⁶, BR- Bhaishajya Ratnavali²⁷, BBR- Bharat Bhaishajya Ratnakara^{28,29,30,31}.

It is observed that *Kumari* has been used as an ingredient or as a *bhavna dravya* of 267 formulations comprising of 239 internally and 28 external formulations.

In external application the formulations are indicated for *kushtha* (skin disease), *vata vyadhi* (disease of joints), *pitta roga* (disease related to enzyme), *svitra* (leucoderma), *netra roga* (eye disease), *upadamsha* (disorder due to poison), *pradara* (white discharge), *daha* (burning sensation), *bhagandara* (fistula), *palitya* (early graying of hair), *khalitya* (alopecia), *striroga* (gynecological disorders).

Formulations indicated for internal administration disease condition like *sannipata* (vitiating of all *doshas*), *arsha* (piles), *jwara* (fever), *kshaya* (pulmonary tuberculosis), *kushtha* (skin disease), *shula* (pain), *striroga* (gynecological disorders), *rasayan* (rejuvenating agent), *gulma* (abdominal tumor), *karna roga* (ear disease), *mutrakruchha* (dysuria), *vrana* (wound), *unmad* (insanity), *udara roga* (disease of stomach), *hridya roga* (heart disease), *apasmara* (epilepsy), *swarabheda* (change of voice), *rajayakshama* (tuberculosis), *vata vyadhi* (disease of joints), *swasa* (disease of bronchi), *pliha vrudhi* (enlargement of spleen), *prameha* (diabetes), *bhagandara* (fistula), *pandu* (jaundice), *stholya* (obesity), *vrana* (wound), *visha* (poison), *bala roga* (disease of children), *rakta-pitta* (bleeding disorder), *vata-rakta* (gout), *chardi* (vomiting), *hikka* (hiccups), *gandamala* (goiter).

Highest number of formulations was found in *kushtha* (25), *jwara* (35), *kshaya* (11), *prameha* (12), *vajikaran* (14), *Striroga* (7). It is observed that leaves of *Kumari* is being used in highest formulations (255), followed by root (12). (Table 3)

Dose: *Patra svarasa*:10-20ml, aqueous extraction:- 100-300mg.³²

Formulations

Various *sangraha granthas* were scrutinized for the formulations containing *Kumari* as an ingredient and mention in table 3.

CONCLUSION

Kumari (*Aloe vera* Tourn. ex Linn.) is found throughout India and its description can be traced since *samhita* period. *Kumari* is attributed with pharmacological properties i.e. *tikta*, *madhura rasa*; *katu vipak*, and *shita verya*, and useful to combat various disease conditions such as *kushtha*, *jwara*, *kshaya*, *daha* etc. It is used in more than 267 classical formulations, more than 12 dosage forms, used in about 41 diseased conditions, 28 external and 239 internally used.

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