ANALYTICAL TESTING FACILITIES

Test	Minimum quantity of required sample (g)	Test fees (Rs.)*	Reporting period (days)
(A) Shellac/ Seedlac/By-product of lac			
Hot alcohol insoluble	100	600	2
Cold alcohol insoluble	100	600	2
Flow ASTM method	100	500	2
Life (Heat-polymerization time)	100	500	2
Wax Content			
i) Method - I	100	600	3
ii) Method - II	100	600	4
Bleach Index	100	500	2
Rosin Content			
(a) Qualitative	100	500	2
(b) Quantitative	100	1000	5
Acid value	100	500	2
Saponification value	100	500	2
Iodine value	100	600	5
Particle size	100	400	1
Colour Index	100	500	2
Volatile matter	100	500	2
Water soluble matter	100	500	2
Melting Point	100	500	2
Ash content	100	500	2
Rate of filtration	100	500	2
Lac content	100	1000	3
(B) Bleached Lac			
Hot alcohol insoluble	100	600	2
Colour Index	100	500	2
Acid value	100	500	2
Iodine value	100	1000	5
Volatile matter	100	500	2
Wax Content			
i) Method - I	100	600	2
ii) Method - II	100	600	3
Percentage of chlorine	100	600	3
Saponification value	100	500	2
Copal qualitative	100	500	2
(C) Lac Dye			
Melting Point	10	500	2
Volatile matter at 135^{0}C	10	500	2
Ash content	10	500	2
Cold water insoluble	10	500	2
Hot alcohol insoluble	10	500	2
Dye content	10	500	2
Presence of Azo group	2	1000	3
(D) Shellac Wax			
Melting point	50	500	2
Acid value	50	500	2
Natural resin content	50	500	2
Volatile matter	50	500	2
Ash	50	500	2
Relative density	50	500	2
(E) Aleuritic Acid			
Molecular mass	10	500	2

Melting point	10	500	2
Relative density	20	500	2
Purity of the sample by DSC	10	1200	5
(F) Hydrolysed lac			
Acid value	10	500	2
(G) Sealing Wax			
Percentage of loading	3 sticks	600	2
Rosin	1 stick	1000	4
Shellac	2 sticks	1000	2
Shellac pitch content (pitch)	2 sticks	600	2
Adhesion & Impression test	2 sticks	500	2
Heat resistance	2 sticks	500	2
Polymerisation test	2 sticks	500	2
(H) Gasket Shellac Compound			
Solid content	50	500	2
Acid value	50	500	2
Drying time	50	500	2
Resistance to Motor gasoline Toluene Mixture	50	500	2
(K) Organic substance			
Melting profile of organic substance by DSC	10	1000	5
UV-Vis analysis	10	600	3
CHNS Analysis	10	1000	7
Particle size analysis	10	1000	5
Viscosity of gums by Brookfield Viscometer	100	500	2

* GST 18% extra

**Testing charges are subjected to revision from time to time without any notice

Payment Details: Payments for testing charges may be made either through the payment gateway available on the website or through Demand Draft in favour of ICAR-UNIT NISA, Namkum Ranchi and payable to SBI, Namkum, Branch. The details of Net banking are as follows:

STATE BANK OF INDIA, NAMKUM, RANCHI
DISTRICT: RANCHI
BRANCH CODE: 9011
IFSC: SBIN0009011
MICR: 834002017
ACCOUNT NO: 10379971148
CURRENCY: INR

Contact: director.nisa@icar.gov.in