

Dr. Y.S.R. HORTICULTURAL UNIVERSITY
Administrative Office Venkataramannagudem – 534 101
West Godavari District

Memo. No.4484/Res.I/2025

Dated: 02.08.2025

Sub:Dr.YSRHU – Research – Quality Testing Centre (QTC)-Lam-Guntur – Analytical parameters and microbial analysis charges for various analytical parameters and microbial analysis-Approval – Orders - Issued.

Ref:-1.Lr No.104/QTC,Lam/Analytical Parameter charges/2025-26.,Dt:19.6.2025 of the PS (H) & Head, QTC, Lam, Guntur.

2. Note orders approved by the Hon'ble Vice-Chancellor, Dr YSRHU,dT:31.7.2025.

Under the circumstances explained in the ref.1st cited and in accordance with the note orders at ref.2nd cited, the charges for various analytical parameters and microbial analysis are hereby approved as follows at QTC, Lam, Guntur:

S.No	Analytical Parameters	Testing Fee (in Rupees/sample)
Testing Charges (Chemical)		
1.	Specific Gravity of Oil	150/-
2.	Free Fatty Acid (Acid value)	350/-
3.	Moisture content of oil/fat sample-oven method	150/-
4.	Saponification value	500/-
5.	Unsaponifiable matter	300/-
6.	Iodine value	500/-
7.	Peroxide value	550/-
8.	Titrateable acidity	150/-
9.	Tannin (Volumetric method)	500/-
10.	Phenol	300/-
11.	TSS	100/-
12.	Beta Carotene	700/-
13.	Sugar acid ratio	100/-
14.	Pulp stone ratio	100/-
15.	Flavonoids	400/-
16.	Total Antioxidant Activity	700/-
Testing charges (Microbiology)		
1.	Enterobacteriaceae enumeration	400/-
2.	Total coliforms enumeration	400/-
3.	Aerobic Plate count (Individual organism)	400/-

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Further, permission is hereby accorded for usage of instrument on the hourly basis and sharing the equipment in collaboration between scientists of the same institute or with the scientists of other institutes and other National Institutes and Universities on hourly charge basis and the use the charges amount for maintenance of the equipment as detailed below:

S.No	Use of Equipment (per hour basis)	Testing fee (Rs) per sample
1.	ColorFlex 520	400/-
2.	Autoclave	400/-
3.	Refrigerated Centrifuge	400/-
4.	Bacteriological Incubator	400/-
5.	UV-Vis Spectrophotometer	400/-
6.	Laminar Air Flow (Inoculation)	400/-
7.	Orbital Shaking Incubator	400/-
8.	Hot air oven	400/-
9.	Stereo Zoom microscope	400/-

These new rates will come into force with immediate effect and the Principal Scientist & Head, Quality Testing Centre, Guntur is requested to enter the testing fee towards analysis charges in a separate register.

M. MADHAVI
DIRECTOR OF RESEARCH

To

The Principal Scientist & Head, Quality Testing Centre, Guntur.

Copy to the Associate Director of Research, CZ-II, RHRS, Lam, Guntur.

Copy to the Asst.Comptroller, RAO, University Campus, Dr.YSR Horticultural University,
Venkataramannagudem.

SF/SC.

//F.B.O.//

Padma N 2/8/2020
SUPERINTENDENT

Dr. Y.S.R. HORTICULTURAL UNIVERSITY
Administrative Office Venkataramannagudem – 534 101
West Godavari District

Memo. No. 7895/Res.I/2024-25

Dated: 21.02.2025

Sub: Dr.YSRHU – Research – Quality Testing Centre (QTC)-Lam-Guntur — Analysis charges for various analytical parameters and microbial analysis-Approval – Orders-Issued.

Ref:-1.Lr No.5/QTC,Lam/Analytical Parameter charges/2024-25.,Dt:27-11-2024 of the PS (H) & Head, QTC, Lam, Guntur.

2. Note orders approved by the Hon'ble Vice-Chancellor, Dr YSRHU,dt:20.2.2025

Under the circumstances explained in the ref.1st cited and in accordance with the note orders at ref.2nd cited, the testing fee towards analysis charges for various analytical parameters and microbial analysis are hereby approved as follows:

S.No	Analytical Parameters	Testing Fee (in Rupees/sample)
1.	Grinding per sample using sieves (0.3,0.5,0.8,1.0,2.0 mm)	50/-
2.	pH for water/soil sample	150/-
Proximate analysis		
3.	Moisture content (using I.R Halogen Balance)	200/-
4.	Total Ash	200/-
5.	Fat (Using Soxtherm)	500/-
6.	Chilli oleoresin (ASTA method)	600/-
7.	Water Soluble Ash	450/-
8.	Acid Insoluble Ash	300/-
9.	Crude fibre	500/-
10.	Moisture content (ASTA method)	300/-
11.	Cold water-soluble extract	250/-
12.	Volatile oil	350/-
Pigments		
13.	Total carotenoids (UV method)	800/-
14.	Lycopene (UV method)	800/-
15.	Total Chlorophyll (UV method)	500/-
Vitamin		
16.	Ascorbic acid (titration method)	400/-
Sugars		
17.	Total Sugars	400/-
18.	Reducing sugars	400/-
Spectrophotometrically analyzed tests		
19.	Curcumin	300/-
20.	Curcuminoid	300/-
21.	Capsaicin (ISO method)	300/-
22.	Color value and Capsanthin (ASTA method)	300/-
23.	Color value (usig Hunter color lab- L*,a* and b* values)	150/-
Microbiology		
24.	TBC (Plate count method)	350/-
25.	TMC (Plate count method)	350/-
26.	E.coil (coliform test)	350/-
27.	Yeast Mold count (Plate count method)	350/-
Antimicrobial activity		
28.	Antimicrobial activity (Plate assay)	700/-
29.	Antifungal activity (Plate assay)	700/-

Contd..2

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M. MADHAVI
DIRECTOR OF RESEARCH

To

The Principal Scientist & Head, Quality Testing Centre, Guntur.

Copy to the Asst.Comptroller, RAO, University Campus, Dr.YSR Horticultural University,
Venkataramannagudem.

SF/SC.

//F.B.O.//

Padmaja N 21/2/2025
SUPERINTENDENT (FAC)