

TEST NAME:

UV SPECTRO PHOTOMETER AND COLLORIMETER



Nanowatts Technologies Ltd

WORK ORDER DETAILS BATCH SERIES

1. Requestor name/Email:

Dr. xxxxx xxxxxx

2. Company/Institution:

xxxxxxx Dental college

3. Work Objective:

To perform Photo Colorimeter test on the given samples and report the L^*a^*b and ΔE values.

4. Total Samples

----- 18-----

5. Sample Type:

Dentin Materials

6. Tool and Specs:

Instrument: FRU Spectrometer

Range: 400 nm to 900 nm

Solvent: None. Tested as it is

7. Results and Observation:

> Refer table to Plots and data reported

8. Test Date: 18-01-24



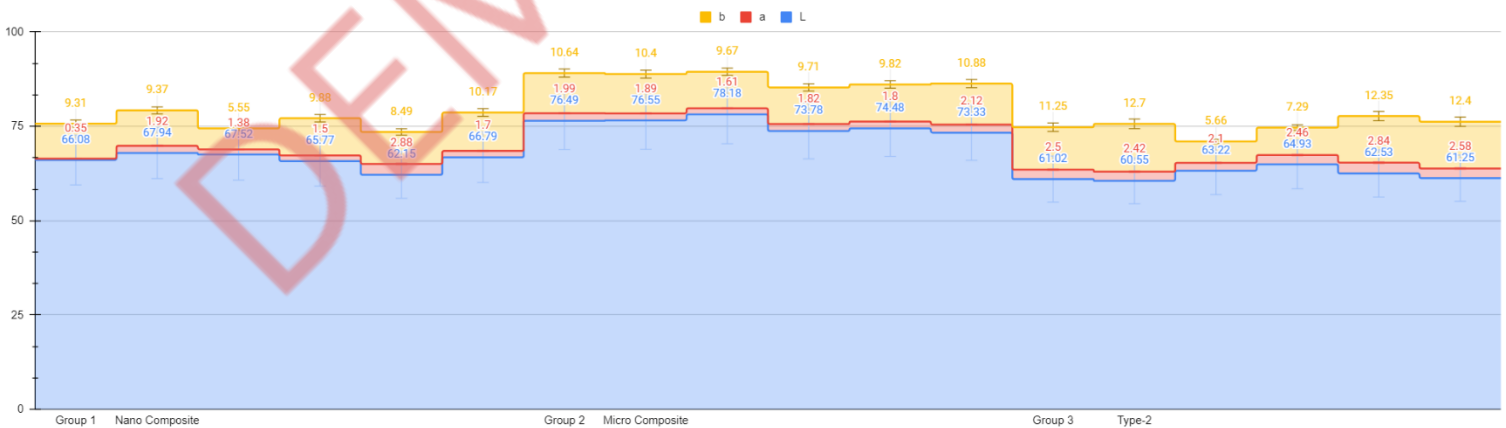
18/01/2024 17:23

PICS



VALUE TABLE

Group ID CIELAB	Sample ID	L	a	b
Group 1 <i>Nano Composite</i>	NC1	66.08	0.35	9.31
	NC2	67.94	1.92	9.37
	NC3	67.52	1.38	5.55
	NC4	65.77	1.5	9.88
	NC5	62.15	2.88	8.49
	NC6	66.79	1.7	10.17
Group 2 <i>Micro Composite</i>	MC1	76.49	1.99	10.64
	MC2	76.55	1.89	10.4
	MC3	78.18	1.61	9.67
	MC4	73.78	1.82	9.71
	MC5	74.48	1.8	9.82
	MC6	73.33	2.12	10.88
Group 3 <i>Type-2</i>	Typ2-1	61.02	2.5	11.25
	Typ2-2	60.55	2.42	12.7
	Typ2-3	63.22	2.1	5.66
	Typ2-4	64.93	2.46	7.29
	Typ2-5	62.53	2.84	12.35
	Typ2-6	61.25	2.58	12.4



CIELAB SPACE

