Datasheet - characterization

Trace Code*: **BioPixS0067**

Model	DRSA25 (adipose tissue)
Wavelength	**490 - 1100 nm**
Technique	Time domain diffuse optical spectroscopy
Time domain model	Semi-infinite analytical model
Geometry	Reflectance
Source detector separation	2 cm
Operator	MT
Date	26/06/2024
Batch code	CC1B1yorz
Refractive index	1.5
Dimension	25 x 25 x 10 mm

Part number	Wavelength (nm)	Absorption (cm^{-1})	Scattering (cm^{-1})	Absorption Coefficient of Variation (%)	Scattering Coefficient of Variation (%)
DRSA25	490	0.06	10.9	0.3	0.1
DRSA25	500	0.06	10.7	0.4	0.5
DRSA25	520	0.06	10.3	1.2	0.9
DRSA25	540	0.06	10.0	0.8	0.5
DRSA25	550	0.06	9.8	0.7	0.8
DRSA25	560	0.06	9.7	1.2	0.8
DRSA25	580	0.06	9.5	0.5	0.4
DRSA25	600	0.06	9.4	1.6	1.1
DRSA25	620	0.06	9.0	0.8	0.7
DRSA25	640	0.06	9.0	1.7	1.0
DRSA25	650	0.06	8.9	0.6	0.3
DRSA25	660	0.06	8.8	1.1	0.6
DRSA25	680	0.06	8.7	0.8	0.7
DRSA25	700	0.06	8.6	0.4	0.6
DRSA25	720	0.06	8.4	2.4	1.5
DRSA25	740	0.07	8.3	0.6	0.5
DRSA25	750	0.07	8.2	0.8	0.4
DRSA25	760	0.07	8.1	1.6	0.8
DRSA25	780	0.07	7.9	1.8	1.5
DRSA25	785	0.07	7.9	1.4	1.7
DRSA25	800	0.06	7.6	0.9	0.2
DRSA25	820	0.06	7.3	2.6	1.2

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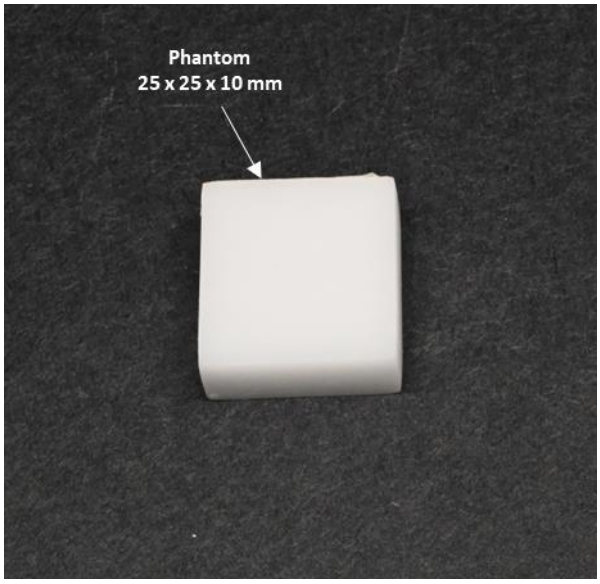
DRSA25	840	0.06	7.2	0.6	0.7
DRSA25	850	0.06	7.1	1.7	1.9
DRSA25	860	0.06	6.9	1.1	1.3
DRSA25	880	0.07	6.7	1.0	0.6
DRSA25	900	0.11	6.3	0.7	0.7
DRSA25	920	0.14	6.1	1.0	0.7
DRSA25	940	0.11	5.9	1.6	1.6
DRSA25	950	0.09	5.8	1.9	1.3
DRSA25	960	0.08	5.7	1.0	0.9
DRSA25	980	0.08	5.6	1.4	1.1
DRSA25	1000	0.09	5.3	10	10
DRSA25	1020	0.12	5.2	10	10
DRSA25	1040	0.13	5.3	10	10
DRSA25	1050	0.14	5.5	10	10
DRSA25	1060	0.19	6.4	10	10
DRSA25	1080	0.14	6.0	10	10
DRSA25	1100	0.09	5.0	10	10



*Cite/Reference Trace code in your publications to make your research traceable. This will help the peer community to trace the phantoms used in your research.
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