

ABSTRACT

There is provided near-infrared shielding material fine particles that exhibit an effect of maintaining a high transmittance in a visible light region while shielding a light in a near-infrared region more efficiently than tungsten oxide and composite tungsten oxide of a conventional technique, and the method for producing the same, and a dispersion liquid containing the near-infrared shielding material fine particles. The near-infrared shielding material fine particles are composite tungsten oxide containing a hexagonal crystal structure, and a lattice constant of the composite tungsten oxide fine particles is 7.3850 Å or more and 7.4186 Å or less on the a-axis, and 7.5600 Å or more and 7.6240 Å or less on the c-axis, and a particle size of the near-infrared shielding material fine particles is 100 nm or less.

(No Figure)