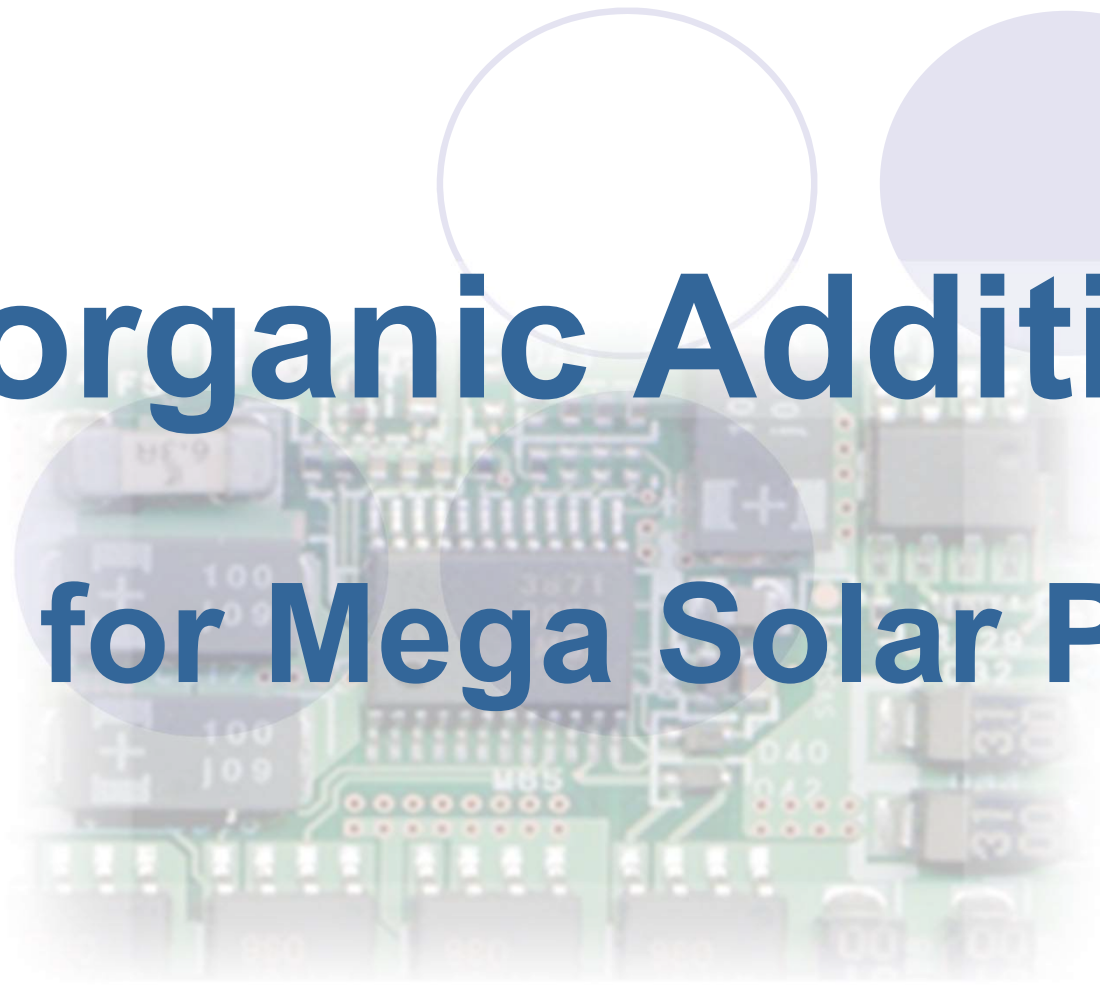




Inorganic Additive T-A for Mega Solar Panel

K_d of alkali metallic ions

Type	Test solution	Li ⁺	Na ⁺	K ⁺	Cs ⁺	Ag ⁺	NH ₄ ⁺
Inorganic Additive T-A	0.01N salt solution	0.3	2.4 x 10	6.9	3.9 x 10	1.5 x 10	<1
	0.01N Acid solution	0.4	3.1	5.6	2.0 x 10	1.1 x 10	8.5

Inorganic Additive T-A 5.0 g / 50 ml Test solution、20-25°C、24 hrs

Separation factor $K_d = (C_0 - C) \times V / C_0 \times m$ (ml/g)

(C_0 : Initial ion concentration, C : Test solution ion concentration,

V : The Volume of Test solution、 m : Weight of Inorganic Additive T-A)

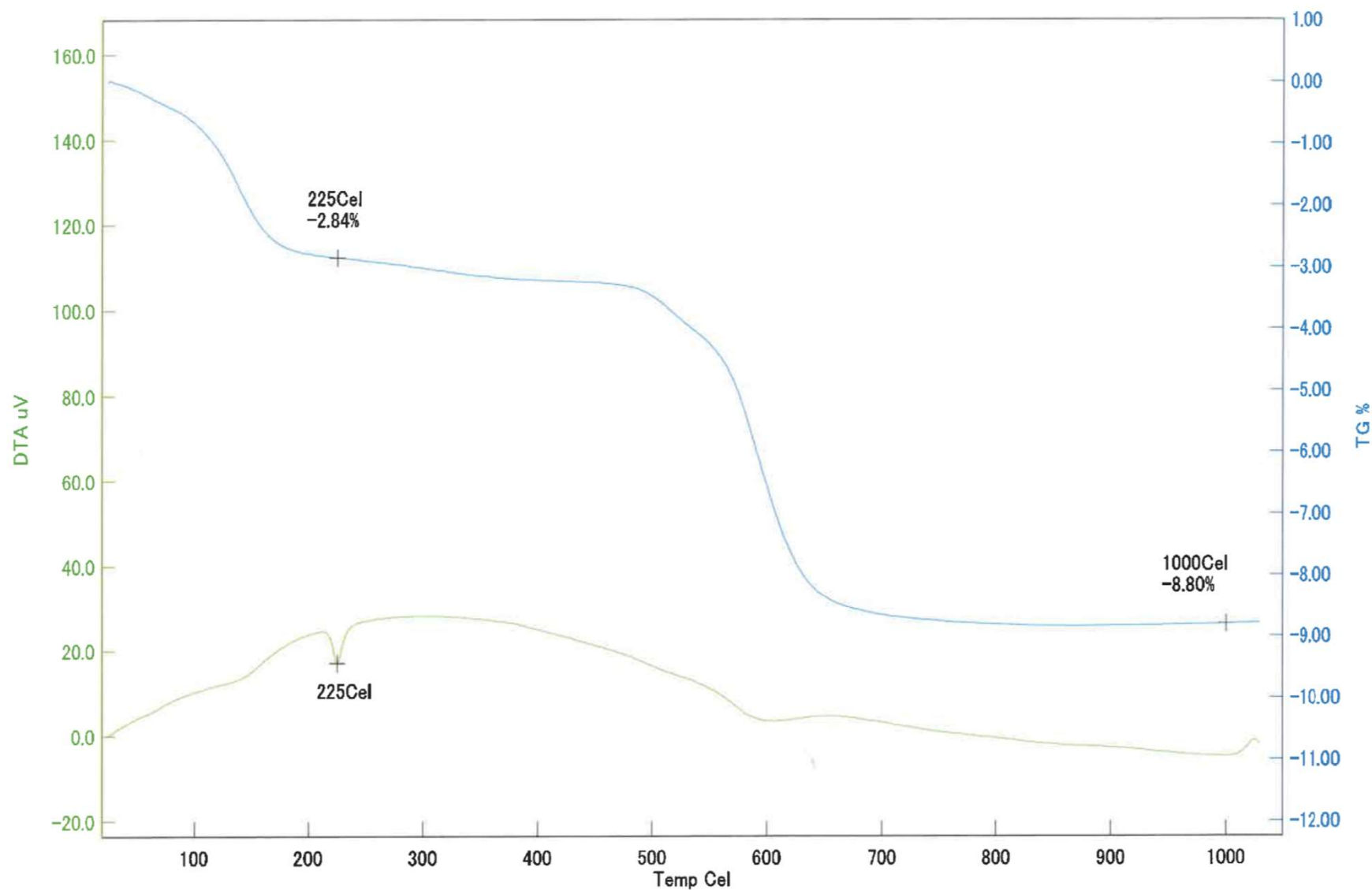
★Test solution

0.01N Salt solution : 0.01N-LiCl, NaCl, KCl, CsCl, NH₄Cl

0.01N Acid solution : 0.01N-LiCl, NaCl, KCl, CsCl, NH₄Cl in 0.1N HCl

TG-DTA

Confidential



Particle size

Confidential

