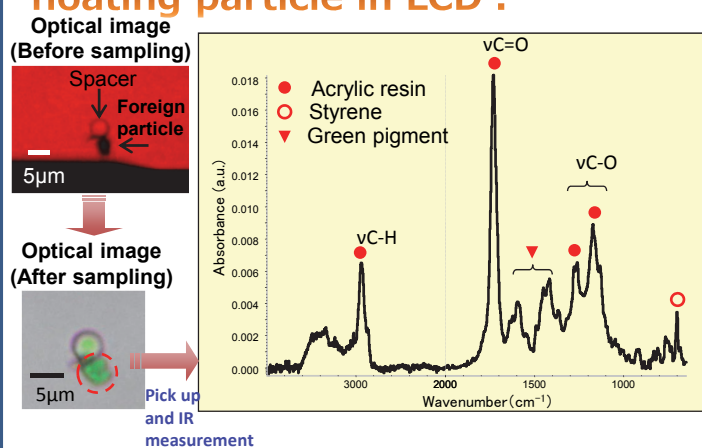


DO YOU HAVE ANY TROUBLE IN LCD PANEL ?

You can count on us, Toray research center, Inc.

FOREIGN PARTICLE IN LCD PANEL

We can analyze foreign particle on panel substrate(CF, TFT), and floating particle in LCD .



<Analysis of floating particle in LCD>

Size limitation :

Floating particle in LCD : 5µm

Particle on CF,TFT substrate : 1µm

Analysis method : Micro FT-IR, Raman

PRICE

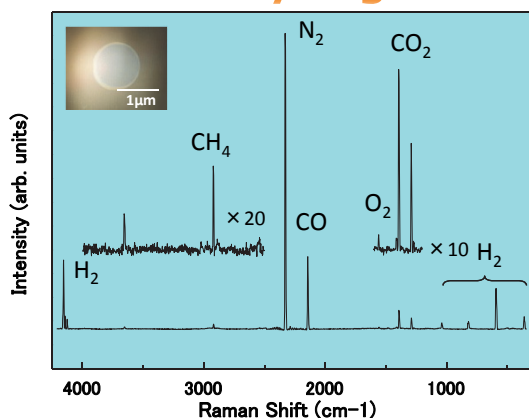
110,000 YEN OR MORE/SAMPLE

(Price will change depending on measurement points, measurement condition)

Foreign particle is styrene acrylate resin with green pigment

GAS ANALYSIS IN LCD PANEL

We can analyze gas composition generated in LCD panel!



<Gas analysis in LCD panel>

Size limitation

Dissolved gas in LCD to several 10cm

No limitation for panel size

Analysis method : Raman

Detectable gases : Inorganic gas except rare gases
Organic gas (C < 3)

PRICE

200,000 YEN OR MORE / SAMPLE

(Price will change depending on measurement points, measurement condition)

N₂ is process gas in LCD manufacturing, and CH₄, CO, CO₂, H₂ are decomposition of organic compounds in LCD panel

O00042構造化学第2研究室20160120

Please contact us !

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