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# KOREA FAR INFRARED ASSOCIATION

## KOREA INSTITUTE OF FAR INFRARED APPLIED ESTIMATION

441, Songpa-Daero, Songpa-Gu, Seoul, Korea    <http://www.kfir.or.kr>    TEL 82-2-2203-6037    FAX 82-2-2203-6061

### CERTIFICATE OF TESTING RESULT

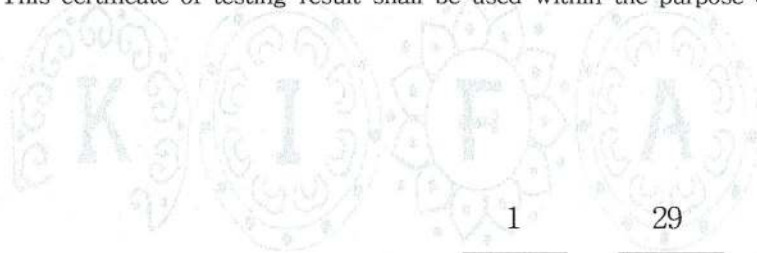
Serial No. of Issue : KFI-142  
 Name of Applicant : KIM CHUN CHA [R&L. co., ltd]  
 Address of Applicant : (Soha-dong, 11 Floor, Ace Kwang Myung Tower) 108, Haan-ro, Gwangmyeong-si, Gyeonggi-do, Korea  
 Date of Receipt : 1. 27. 2014  
 Name of Test Sample : AMETHYST(BIOMAT 7000MX)

### TEST RESULTS

Emissivity ( 5 ~ 20 $\mu\text{m}$ )	Emission Power ( $\text{W}/\text{m}^2 \cdot \mu\text{m}$ , 60°C)
0.920	$4.87 \times 10^2$

- 1) Test Method : KFIA-FI-1005
- 2) The temperature of 60°C is provided by the applicant.  
The above experimental results were measured in comparison with BLACK BODY by using the FT-IR Spectrometer.
- 3) Test Results : Refer to the Enclosed
- 4) Usage : Quality control.

※ This certificate of testing result shall be used within the purpose of its defined usage.

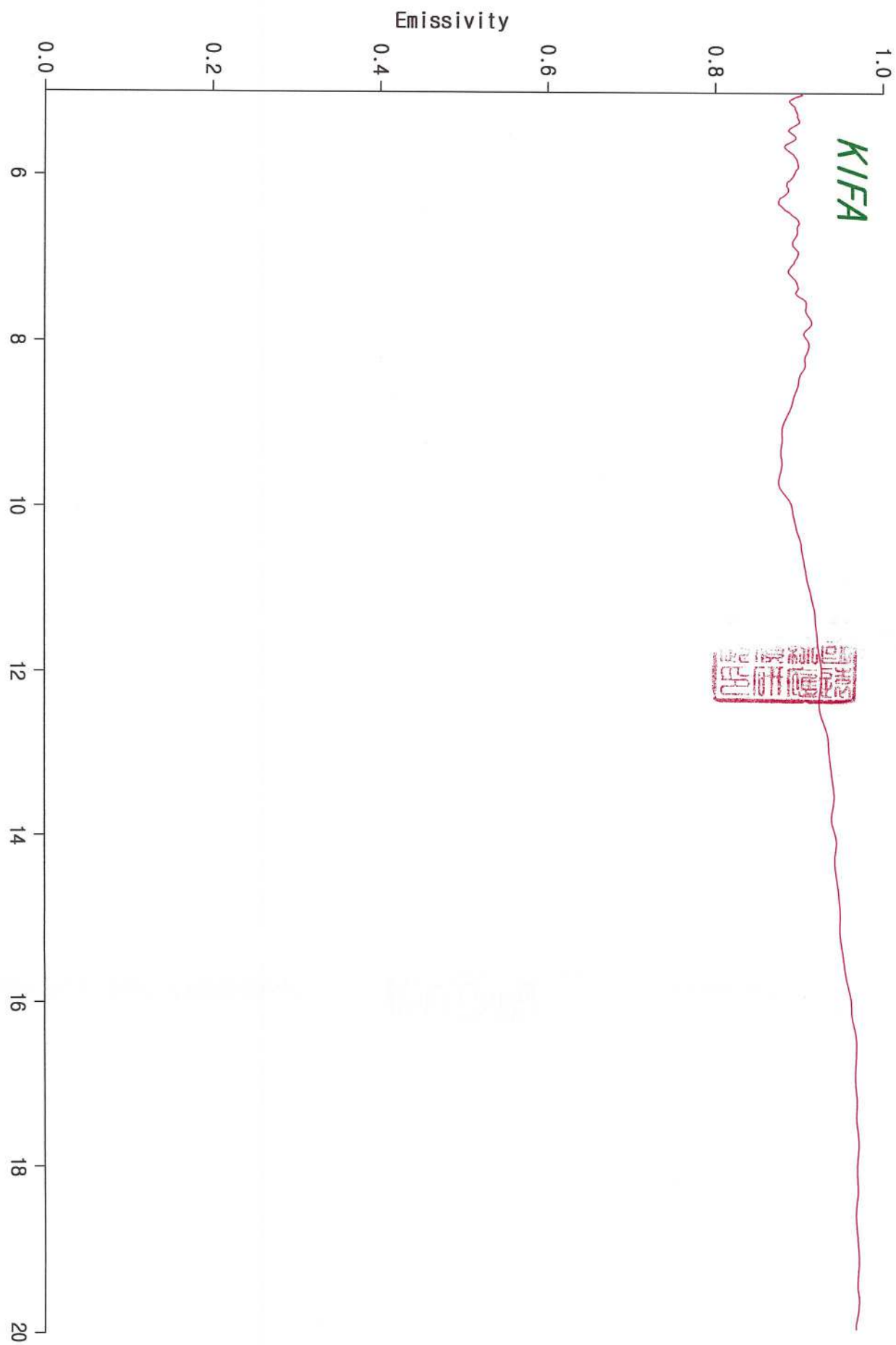


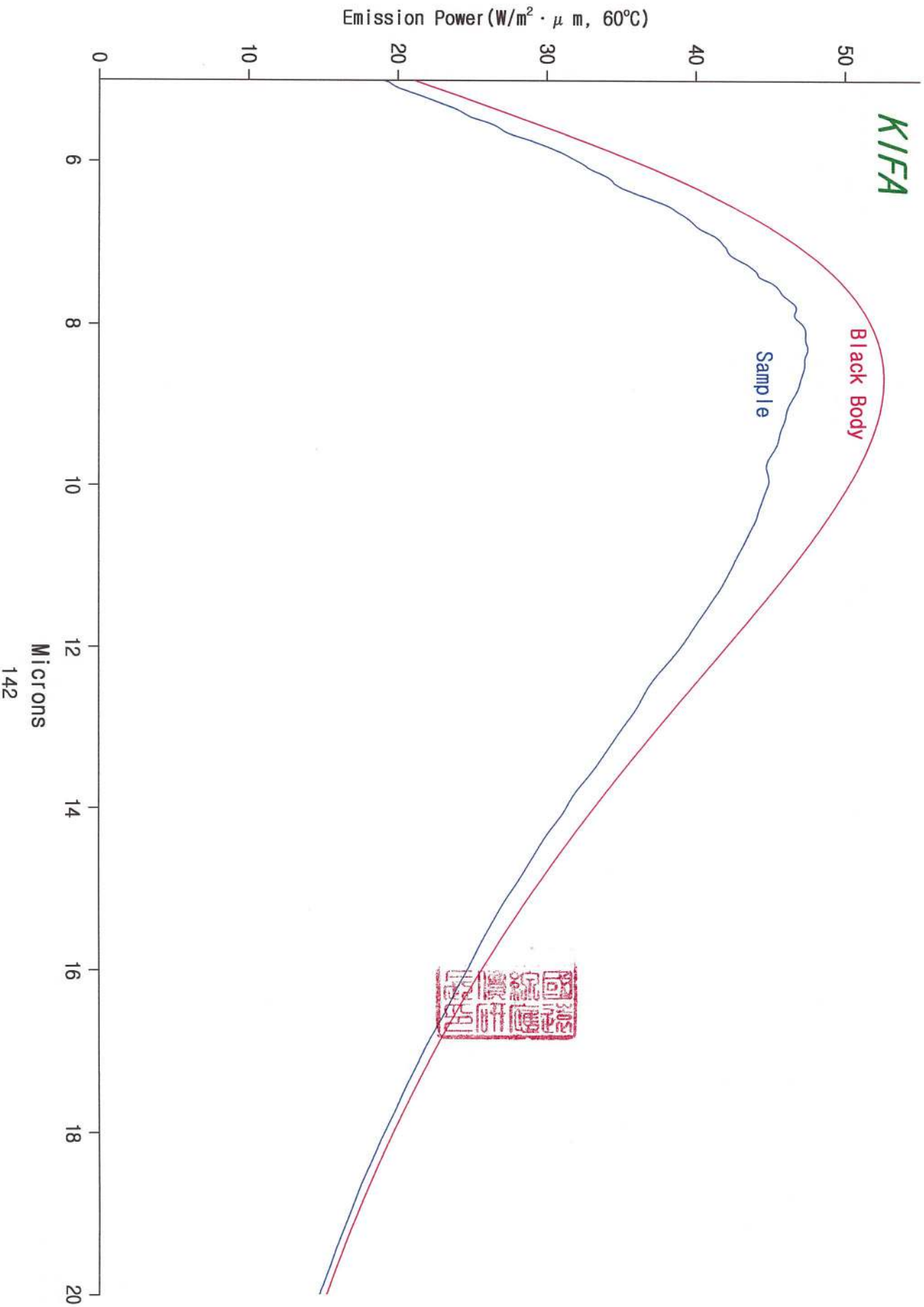
1                  29                  2014  
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 month                  day                  year

Signed Choi T. S.

**COPY**

The director of Korea Institute of Far Infrared Applied Estimation





KIFA

Black Body

Sample

Emission Power ( $W/m^2 \cdot \mu m$ ,  $60^\circ C$ )

Microns

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