



**วช.**  
**NRCT**

*National Research Council of Thailand*

This is to certify that

*Alvin Rahmad Widyanto, Alvin Romadhoni Putra Hidayat, Wulan Aulia,  
Anugerah Putri Anafiesma, Ulva Tri Ita Martia, Vina Rizky Andina,  
Yesaya Reformyada Nusantara and Terry Denisa Syukrie*

has been awarded

**Gold Medal**

In recognition of creative efforts to invent

***MnO<sub>2</sub>/Zeolite Na-Y as The Catalytic Converter to Remove  
High Toxicity Emission Gasses***

Exhibited at “Bangkok International Intellectual Property, Invention, Innovation  
and Technology Exposition”

On the occasion of “Thailand Inventors’ Day 2019”

2 – 6 February 2019

*S. Songsivilai*

(Professor Sirirug Songsivilai, M.D., Ph.D.)

Secretary – General