Accepted Manuscript

Title: Acid-base and redox equilibria of a tris(2-pyridylmethyl)amine copper complex; their effects on electrocatalytic oxygen reduction by the complex

Author: Masafumi Asahi Shin-ichi Yamazaki Shinobu Itoh

Tsutomu Ioroi

PII: S0013-4686(16)31244-0

DOI: http://dx.doi.org/doi:10.1016/j.electacta.2016.05.166

Reference: EA 27390

To appear in: Electrochimica Acta

Received date: 12-2-2016 Revised date: 18-5-2016 Accepted date: 24-5-2016

Please cite this article as: Masafumi Asahi, Shin-ichi Yamazaki, Shinobu Itoh, Tsutomu Ioroi, Acid-base and redox equilibria of a tris(2-pyridylmethyl)amine copper complex; their effects on electrocatalytic oxygen reduction by the complex, Electrochimica Acta http://dx.doi.org/10.1016/j.electacta.2016.05.166

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.



Acid-base and redox equilibria of a tris(2-pyridylmethyl)amine copper complex; their effects

on electrocatalytic oxygen reduction by the complex

Masafumi Asahi^{a,b}*, Shin-ichi Yamazaki^a, Shinobu Itoh^b, Tsutomu Ioroi^a

^aResearch Institute of Electrochemical Energy, National Institute of Advanced Industrial Science

and Technology, 1-8-31, Midorigaoka, Ikeda, Osaka 563-8577, Japan

^bDepartment of Material and Life Science, Division of Advanced Science and Biotechnology,

Graduate School of Engineering, Osaka University, 2-1 Yamada-oka, Suita, Osaka 565-0871,

Japan

Phone: +81-72-751-9653

Fax: +81-72-751-9629

*corresponding author: m.asahi@aist.go.jp

1

Download English Version:

https://daneshyari.com/en/article/6606171

Download Persian Version:

https://daneshyari.com/article/6606171

<u>Daneshyari.com</u>