#### Annex D5

# Certificates of the Qualified Odour Panelist

#### ALS Life Sciences | Environmental

Certificate No.: C22096

## Certificate for a Qualified Odour Panellist

This is to certify that

LAU MEI TUNG



has participated in Ten (10) sets of individual N-Butanol Screening Test during 09 November 2022 – 14 November 2022

with Individual Threshold: 38 ppb/v

and

fulfill the Requirement of the European Standard Method of Air Quality - Determination of Odour Concentration by Dynamic Olfactometry (EN13725:2003) -

The Requirement of the Odour Threshold of n-Butanol in Nitrogen Gas in the Range of 20 - 80 ppb/v with at least 10 sets of individual threshold estimates and standard deviation less than 2.3

#Silver Stamp: Successfully fulfilling the Panellist requirement since 2021

14 November 2022

**Issue Date** 

14 November 2023

Valid Until

Chan Wai Hung, Mannix

#### ALS Life Sciences | Environmental

Certificate No.: C22097

## Certificate for a Qualified Odour Panellist

This is to certify that

LAO KA LEONG, BILLY



has participated in Ten (10) sets of individual N-Butanol Screening Test during 09 November 2022 - 14 November 2022

with Individual Threshold: 33 ppb/v

and

fulfill the Requirement of the European Standard Method of Air Quality - Determination of Odour Concentration by Dynamic Olfactometry (EN13725:2003) -

The Requirement of the Odour Threshold of n-Butanol in Nitrogen Gas in the Range of 20 - 80 ppb/v with at least 10 sets of individual threshold estimates and standard deviation less than 2.3

#Silver Stamp: Successfully fulfilling the Panellist requirement since 2021

14 November 2022

**Issue Date** 

14 November 2023

**Valid Until** 

Chan Wai Hung, Mannix



### Certificate for a Qualified Odour Panellist

This is to certify that

NG KING HO

has participated in Ten (10) sets of individual N-Butanol Screening Test during 09 November 2022 – 14 November 2022

with Individual Threshold: 36 ppb/v

and

fulfill the Requirement of the European Standard Method of Air Quality - Determination of Odour Concentration by Dynamic Olfactometry (EN13725:2003) -

The Requirement of the Odour Threshold of n-Butanol in Nitrogen Gas in the Range of 20 - 80 ppb/v with at least 10 sets of individual threshold estimates and standard deviation less than 2.3

14 November 2022

**Issue Date** 

14 November 2023

Valid Until

Chan Wai Hung, Mannix

ALS Technichem (HK) Pty Ltd

11/F Chung Shun Knitting Centre, 1-3 Wing Yip Street, Kwai Chung, NT, Hong Kong

Tel: 852-2610 1044

Certificate No.: C22098



## Certificate for a Qualified Odour Panellist

This is to certify that

Wong Yiu Chun, Ivan

has participated in Ten (10) sets of individual n-Butanol Screening Tests

during 15 July 2022 - 01 December 2022

with Individual Threshold: 41 ppb/v; Standard Deviation: 1.26

and

fulfil the Requirement of the European Standard Method of Air Quality - Determination of Odour Concentration by Dynamic Olfactometry (EN13725:2003)

The Requirement of the Odour Threshold of n-Butanol in Nitrogen Gas in the Range of 20 - 80 ppb/v with at least 10 sets of Individual threshold estimates and standard deviation less than 2.3

01 December 2022 Issue Date 01 December 2023 Valid Until

Fung Lim Chee, Richard

Certificate No.: C0698-01



## Certificate for a Qualified Odour Panellist

This is to certify that

Wong Hei Wang

has participated in Ten (10) sets of individual n-Butanol Screening Tests

during 28 April 2022 to 6 September 2022

with Individual Threshold: 43 ppb/v; Standard Deviation: 1.28

and

fulfil the Requirement of the European Standard Method of Air Quality - Determination of Odour Concentration by Dynamic Olfactometry (EN13725:2003)

The Requirement of the Odour Threshold of n-Butanol in Nitrogen Gas in the Range of 20 - 80 ppb/v with at least 10 sets of Individual threshold estimates and standard deviation less than 2.3

6 September 2022 Issue Date 6 September 2023 Valid Until

Fung Lim Chee, Richard

Certificate no.: C0230-08