#### Annex D5

# Certificates of the Qualified Odour Panelist



This is to certify that

LAU MEI TUNG

has participated in Ten (10) sets of individual N-Butanol Screening Test during 25 October 2021 - 03 November 2021

with Individual Threshold: 41 ppb/v

and

<u>fulfill</u> 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

03 November 2021

**Issue Date** 

03 November 2022

**Valid Until** 

ung Lim Chee. Richard

Certificate No.: C21084

#### ALS Life Sciences | Environmental

Certificate No.: C21085

#### Certificate for a Qualified Odour Panellist

This is to certify that

WONG KA HEI

has participated in Ten (10) sets of individual N-Butanol Screening Test during 25 October 2021 - 03 November 2021

with Individual Threshold: 40 ppb/v

and

<u>fulfill</u> 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

03 November 2021

**Issue Date** 

03 November 2022

Valid Until

Fung Lim Chee, Richard



This is to certify that

WONG HO YU

has participated in Ten (10) sets of individual N-Butanol Screening Test during 25 October 2021 - 03 November 2021

with Individual Threshold: 56 ppb/v

and

<u>fulfill</u> 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

03 November 2021

**Issue Date** 

03 November 2022

Valid Until

ung Lim Chee, Richard

Certificate No.: C21086



This is to certify that

LAO KA LEONG

has participated in Ten (10) sets of individual N-Butanol Screening Test during 14 December 2021 - 20 December 2021

with Individual Threshold: 31 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

20 December 2021

**Issue Date** 

20 December 2022

Valid Until

Certificate No.: C21094



This is to certify that

Poon Kwong Lun

has participated in Ten (10) sets of individual n-Butanol Screening Tests during 12 June 2020 to 26 July 2021

with Individual Threshold: 36 ppb/v; Standard Deviation: 1.14

and

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

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

26 July 2021 Issue Date

26 July 2022 Valid Until

Fung Lim Chee, Richard

Certificate no.: C404-07

ALS Technichem (HK) Pty Ltd

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

Tel: 852-2610



This is to certify that

**Anthony Kwan** 

has participated in Ten (10) sets of individual n-Butanol Screening Tests during 30 April 2021 to 23 July 2021

with Individual Threshold: 44 ppb/v; Standard Deviation: 1.49

and

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

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

23 July 2021 23 July 2022
Issue Date Valid Until

Fung Lim Chee, Richard

Certificate no.: C0621-01



This is to certify that

Wong Hei Wang

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

during 3 November 2020 to 23 July 2021

with Individual Threshold: 50 ppb/v; Standard Deviation: 1.32

and

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

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

23 July 2021 23 July 2022
Issue Date Valid Until

Fung Lim Chee, Richard

Certificate no.: C0230-07

ALS Technichem (HK) Pty Ltd 1044 11/F Chung Shun Knitting Centre, 1-3 Wing Yip Street, Kwai Chung, NT, Hong Kong



This is to certify that Ho Tsz Kin

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

during 30 April 2021 to 23 July 2021

with Individual Threshold: 40 ppb/v; Standard Deviation: 1.29

and

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

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

23 July 2021 23 July 2022 Fung Lim Chee, Richard

Certificate no.: C0087-07



This is to certify that

Choi Wai Yiu

has participated in Ten (10) sets of individual n-Butanol Screening Tests during 24 September 2021 to 08 April 2022

with Individual Threshold: 39 ppb/v; Standard Deviation: 1.27

and

the Requirement of the European Standard Method of Air Quality – Determination of Odour Concentration by Dynamic Olfactometry (EN13725)

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

08 April 2022 Issue Date 08 April 2023 Valid Until

Fung Lim Chee, Richard

Certificate no.: C0547-02



This is to certify that

Chan Wai Hung

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

during 19 June 2020 to 17 July 2021

with Individual Threshold: 47 ppb/v; Standard Deviation: 1.22

and

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

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

17 July 2021

Issue Date

17 July 2022

Valid Until

Fung Lim Chee, Richard

Certificate no.: C0318-02

ALS Technichem (HK) Pty Ltd

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

Tel: 852-2610



This is to certify that

Cheung Wai Hung

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

during 23 September 2020 to 17 July 2021

with Individual Threshold: 43 ppb/v; Standard Deviation: 1.29

and

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

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

17 July 2021 17 July 2022
Issue Date Valid Until

Fung Lim Chee, Richard

Certificate no.: C0337-08