

Test Report

No.: RKP22500043

DATE: 2022/05/19

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NOVAX MATERIAL & TECHNOLOGY INC.

NO31, LN. 142, SEC. 2, NANKAN RD., LUZHU DISTRICT, TAOYUAN CITY 33855, TAIWAN (R.O.C.)

The following sample(s) was/were submitted and identified by/on behalf of the applicant as :

Sample Submitted By : NOVAX MATERIAL & TECHNOLOGY INC.
Sample Description : AdBlue 32.5%
Lot. No. : AF-220503-1A-7

Sample Receiving Date : 2022/05/06
Testing Period : 2022/05/06 to 2022/05/19

Test Result(s) : Please refer to next page(s).

Joey Chung

Joey Chung / Asst. Manager
Signed for and on behalf of
SGS Taiwan Limited
Chemical Laboratory-Kaohsiung



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Test Part Description

No.1 : AdBlue 32.5%

Test Result(s)

Test Item(s)	Method	Unit	MDL	Result	Ref. Limit
				No.1	
Urea content	With reference to ISO 22241-2: 2019 method	%(m/m)	-	32.5	31.8~33.2
Refractive index,20°C	With reference to ISO 22241-2: 2019 method	-	-	1.3826	1.3814~1.3843
Alkalinity(as NH3)	With reference to ISO 22241-2: 2019 method	%(w/w)	0.01	n.d.	MAX. 0.2
Biuret	With reference to ISO 22241-2: 2019 method	%(w/w)	-	0.23	MAX. 0.3
Aldehyde	With reference to ISO 22241-2: 2019 method	mg/kg	-	<0.5	MAX. 5
Insoluble matter	With reference to ISO 22241-2: 2019 method	mg/kg	10	n.d.	MAX. 20
Phosphate	With reference to ISO 22241-2: 2019 method	mg/kg	-	<0.05	MAX. 0.5
Calcium(Ca)	With reference to ISO 22241-2: 2019 method	mg/kg	0.05	0.14	MAX. 0.5
Iron(Fe)	With reference to ISO 22241-2: 2019 method	mg/kg	0.05	n.d.	MAX. 0.5
Copper(Cu)	With reference to ISO 22241-2: 2019 method	mg/kg	0.05	n.d.	MAX. 0.2
Zinc (Zn)	With reference to ISO 22241-2: 2019 method	mg/kg	0.05	n.d.	MAX. 0.2
Chromium(Cr)	With reference to ISO 22241-2: 2019 method	mg/kg	0.05	n.d.	MAX. 0.2
Nickel(Ni)	With reference to ISO 22241-2: 2019 method	mg/kg	0.05	n.d.	MAX. 0.2
Aluminum(Al)	With reference to ISO 22241-2: 2019 method	mg/kg	0.05	n.d.	MAX. 0.5
Magnesium(Mg)	With reference to ISO 22241-2: 2019 method	mg/kg	0.05	n.d.	MAX. 0.5
Sodium(Na)	With reference to ISO 22241-2: 2019 method	mg/kg	0.05	0.20	MAX. 0.5

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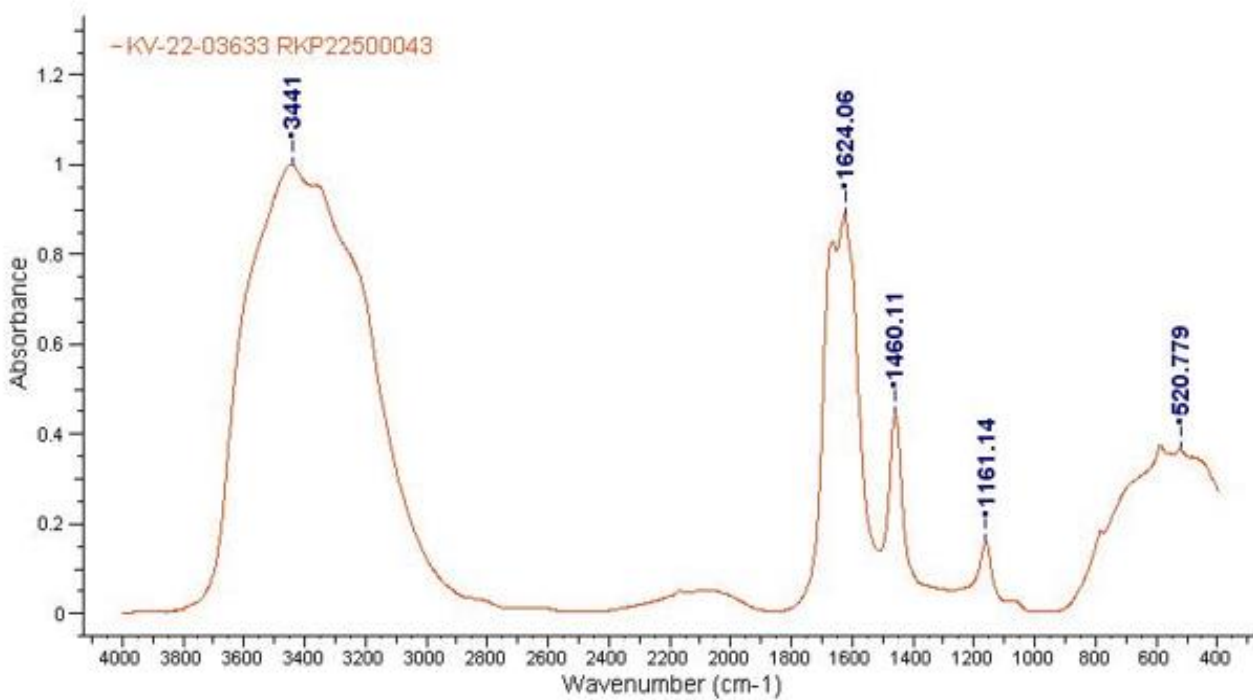
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Potassium(K)	With reference to ISO 22241-2: 2019 method	mg/kg	0.05	0.12	MAX. 0.5
IR spectrum	FTIR(Fourier Transform Infrared Spectrophotometer)	-	-	-	As spectrum.



Note:

1. mg/kg = ppm ; mg/L = ppm ; 1 %(w/w) = 10000ppm ; 1 %(v/v) = 10000ppm
2. n.d. = Not Detected
3. MDL = Method Detection Limit
4. " - " = Not Regulated

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* The tested sample / part is marked by an arrow if it's shown on the photo. *

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**** End of Report ****

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