

## Test Report

No.: RKP21700212

DATE: 2021/08/09

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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-210716-4B-4

=====  
Sample Receiving Date : 2021/07/27  
Testing Period : 2021/07/27 to 2021/08/09

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	With reference to ISO 22241-2: 2006 method	(m/m)%	-	32.5	31.8~33.2
Refractive index	With reference to ISO 22241-2: 2006 method	-	-	1.3825	1.3814~1.3843
Alkalinity	With reference to ISO 22241-2: 2006 method	(m/m)%	0.01	n.d.	MAX. 0.2
Biuret	With reference to ISO 22241-2: 2006 method	(m/m)%	-	0.25	MAX. 0.3
Aldehyde	With reference to ISO 22241-2: 2006 method	mg/kg	-	1.0	MAX. 5
Insoluble matter	With reference to ISO 22241-2: 2006 method	mg/kg	10	n.d.	MAX. 20
Phosphate	With reference to ISO 22241-2: 2006 method	mg/kg	-	n.d.	MAX. 0.5
Calcium(Ca)	With reference to ISO 22241-2: 2006 method	mg/kg	0.05	n.d.	MAX. 0.5
Iron(Fe)	With reference to ISO 22241-2: 2006 method	mg/kg	0.05	n.d.	MAX. 0.5
Copper(Cu)	With reference to ISO 22241-2: 2006 method	mg/kg	0.05	n.d.	MAX. 0.2
Zinc (Zn)	With reference to ISO 22241-2: 2006 method	mg/kg	0.05	n.d.	MAX. 0.2
Chromium(Cr)	With reference to ISO 22241-2: 2006 method	mg/kg	0.05	n.d.	MAX. 0.2
Nickel(Ni)	With reference to ISO 22241-2: 2006 method	mg/kg	0.05	n.d.	MAX. 0.2
Aluminum(Al)	With reference to ISO 22241-2: 2006 method	mg/kg	0.05	n.d.	MAX. 0.5

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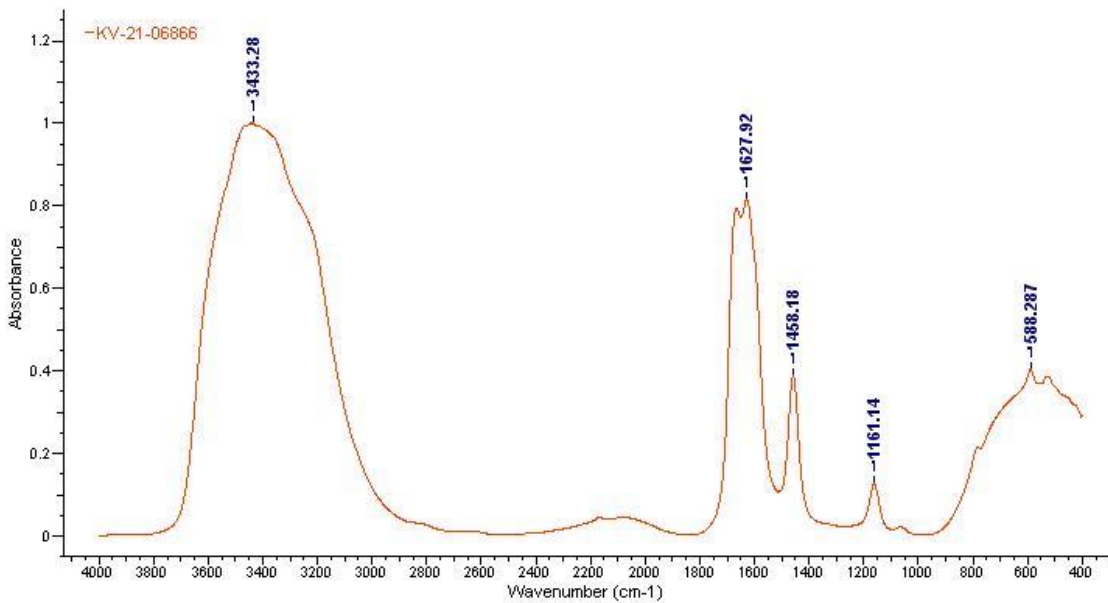
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NOVAX MATERIAL & TECHNOLOGY INC.

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Magnesium(Mg)	With reference to ISO 22241-2: 2006 method	mg/kg	0.05	n.d.	MAX. 0.5
Sodium(Na)	With reference to ISO 22241-2: 2006 method	mg/kg	0.05	n.d.	MAX. 0.5
Potassium(K)	With reference to ISO 22241-2: 2006 method	mg/kg	0.05	n.d.	MAX. 0.5
IR spectrum	FTIR(Fourier Transform Infrared Spectrophotometer)	-	-	-	As spectrum.



### Note:

1. mg/kg = ppm ; 1wt% = 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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