

TEST REPORT

NOVAX MATERIAL

NO. 31, LN. 142, SEC. 2, NANKAN RD., LUZHU TOWNSHIP, TAOYUAN
COUNTY 33855, TAIWAN (R.O.C.)

REPORT NO.KP/2019/60091

DATE: 2019/06/19

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THE FOLLOWING SAMPLE(S) WAS/WERE SUBMITTED AND IDENTIFIED BY/ON BEHALF OF THE CLIENT AS :

SAMPLE DESCRIPTION : AdBlue 32.5%.
LOT NO. : AF-190604-1B-2.
SAMPLE RECEIVED : 2019/06/10.
TESTING PERIOD : 2019/06/10 TO 2019/06/19.
SAMPLE SUBMITTED BY : NOVAX MATERIAL.

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--- PLEASE SEE THE NEXT PAGE FOR TEST RESULT(S) ---

Joey Chung

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



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TEST RESULT(S) :

TEST ITEM(S)	UNIT	METHOD	SPEC	RESULT
IR SPECTRUM	---	FTIR(Fourier Transform Infrared Spectrophotometer)	---	As Page 3.
Urea content	(m/m)%	ISO 22241-2	31.8~33.2	32.6
Density,20°C	g/cm ³	ISO 22241-2	1.0870~1.0930	1.0905
Refractive Index/20°C	---	ISO 22241-2	1.3814~1.3843	1.3831
Alkalinity (as NH ₃)	(m/m)%	ISO 22241-2	MAX 0.2	< 0.01
Biuret content	(m/m)%	ISO 22241-2	MAX. 0.3	0.27
Aldehyde content	mg/kg	ISO 22241-2	MAX. 5	< 0.5
Insoluble matter content	mg/kg	ISO 22241-2	MAX. 20	< 10
Phosphate content	mg/kg	ISO 22241-2	MAX. 0.5	< 0.05
Calcium(Ca)	mg/kg	ISO 22241-2	MAX. 0.5	0.21
Iron(Fe)	mg/kg	ISO 22241-2	MAX. 0.5	< 0.05
Copper(Cu)	mg/kg	ISO 22241-2	MAX. 0.2	< 0.05
Zinc(Zn)	mg/kg	ISO 22241-2	MAX. 0.2	< 0.05
Chromium(Cr)	mg/kg	ISO 22241-2	MAX. 0.2	< 0.05
Nickel(Ni)	mg/kg	ISO 22241-2	MAX. 0.2	< 0.05
Aluminum(Al)	mg/kg	ISO 22241-2	MAX. 0.5	< 0.05
Magnesium(Mg)	mg/kg	ISO 22241-2	MAX. 0.5	< 0.05
Sodium(Na)	mg/kg	ISO 22241-2	MAX. 0.5	0.17
Potassium(K)	mg/kg	ISO 22241-2	MAX. 0.5	< 0.05

NOTE 1 : mg/kg = ppm ; 1wt% = 10000ppm.

NOTE 2 : n.d. = Not Detected.

NOTE 3 : ISO 22241-2 method for metal analysis MDL : 0.05ppm.

NOTE 4 : Quality standards based on ISO 22241-1(2006), the above results were in line with the Spec.

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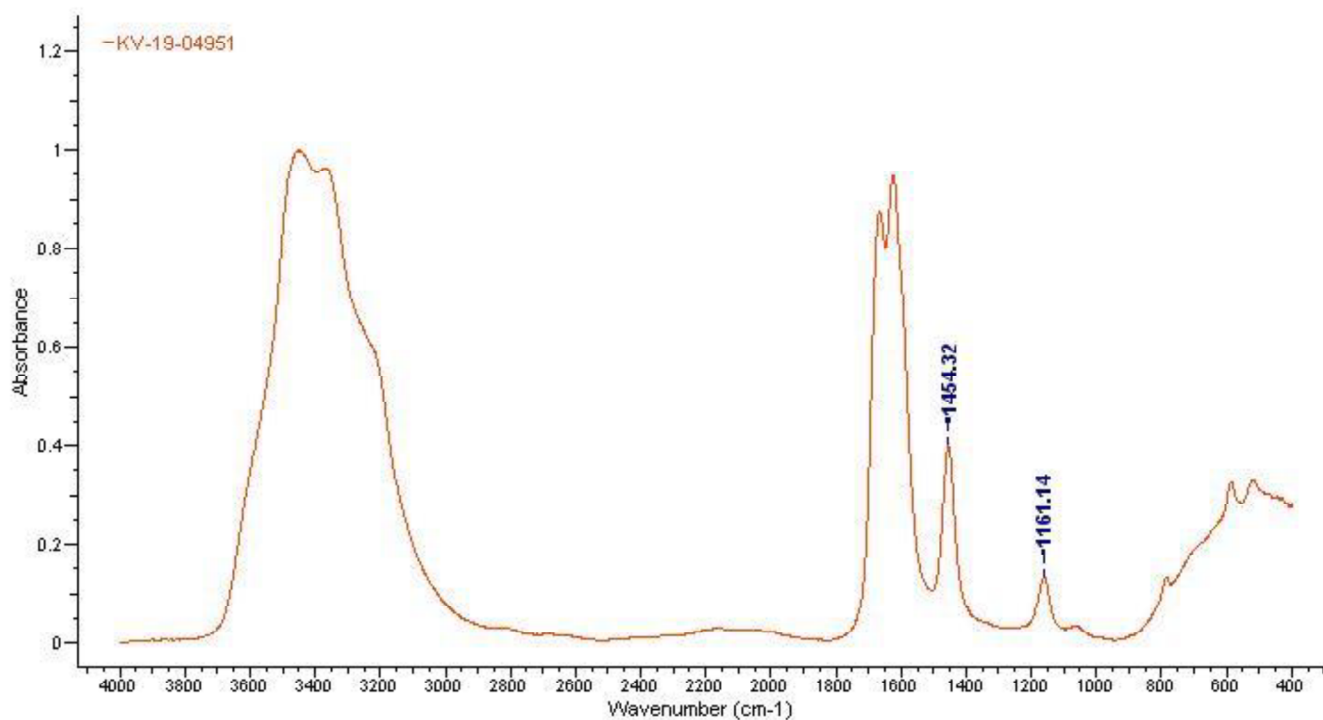
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SPECTRUM



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SAMPLE PHOTO

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** END OF REPORT **

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