

TEST REPORT

NOVAX MATERIAL

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

REPORT NO.KP/2019/10032

DATE: 2019/01/15

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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-190102-1A-2.
SAMPLE RECEIVED : 2019/01/04.
TESTING PERIOD : 2019/01/04 TO 2019/01/15.
SAMPLE SUBMITTED BY : NOVAX MATERIAL.

--- 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	32.8
Density,20°C	g/cm ³	ISO 22241-2	1.0870~1.0930	1.0907
Refractive Index/20°C	---	ISO 22241-2	1.3814~1.3843	1.3833
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	1
Phosphate content	mg/kg	ISO 22241-2	MAX. 0.5	< 0.05
Calcium(Ca)	mg/kg	ISO 22241-2	MAX. 0.5	0.10
Iron(Fe)	mg/kg	ISO 22241-2	MAX. 0.5	n.d.
Copper(Cu)	mg/kg	ISO 22241-2	MAX. 0.2	n.d.
Zinc(Zn)	mg/kg	ISO 22241-2	MAX. 0.2	n.d.
Chromium(Cr)	mg/kg	ISO 22241-2	MAX. 0.2	n.d.
Nickel(Ni)	mg/kg	ISO 22241-2	MAX. 0.2	n.d.
Aluminum(Al)	mg/kg	ISO 22241-2	MAX. 0.5	0.06
Magnesium(Mg)	mg/kg	ISO 22241-2	MAX. 0.5	n.d.
Sodium(Na)	mg/kg	ISO 22241-2	MAX. 0.5	0.19
Potassium(K)	mg/kg	ISO 22241-2	MAX. 0.5	n.d.

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.

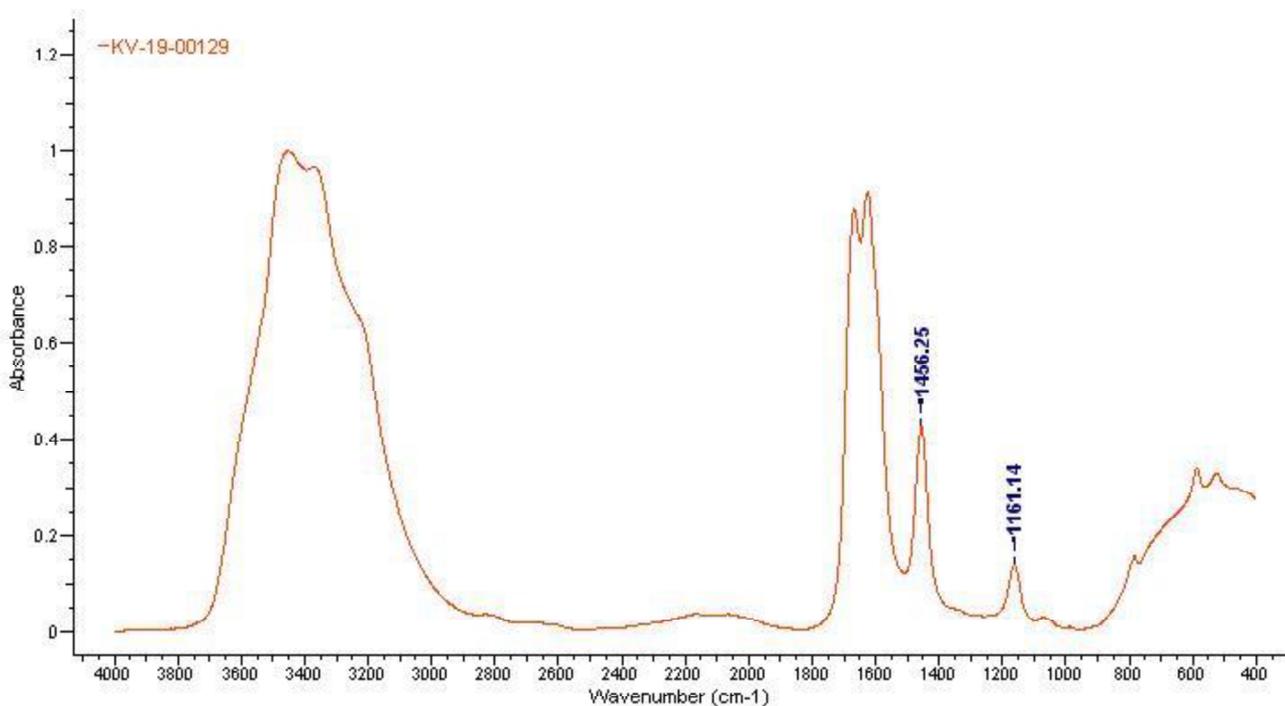
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SPECTRUM



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SAMPLE PHOTO

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