ҚМПЭ ва ҚМПП ни ТЕРМО ва ГРАВИМЕТРИК УСУЛ ЁРДАМИДА ЎРГАНИШ НАТИЖАЛАРИНИНГ ТАҲЛИЛИ

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Аннотация. J_kim[ebdZ f^lZg]Zabffz`fmZkb \Z &KHPLFDO´ DdhFQhZeZjbgb br]Z lmrbjbebrb\Zihe ihebjhibe_g breZ[jhbgZ cfe]Z fcbebrb ihmjeZgjbZj dfiZclbjbr bfdhgbylbgMr[mj^dbhjohgZeZj^Z bdbeZfqb kbnZlb^Z breZ[qbZgjbeZWl\Z Fll gb ohkkZeZjbgb f mgbg] i_q z be bkb \Z cfe [blmfb dhfihg_glb [fe]Zg lZjdb[^ba_e njZdpbykbgbg] ohkkZeZjb]Z lZtkbjbgb f :^Z[bzleZj^Zg fZtemfdb [m bddbeZfqb fZ~kmehleZj d_lebjbe]Zg [Zedb meZj^Zg hebg]Zg ihebf_j \Z fZ~kmehleZjb mqmg lmjeb obe^Z]b ijbkZ^dZeZ^bheb Rmgbgb] mqmg mr[m bddbeZfqb ohfZrzeZjgb lZjdb h[bebylbgb lmjeb mkmeeZj^Z fj]Zgbr fZZkZ^baZ fm\h

Калит сўзлар: L_jfh]jZ\bf_ljbd bZd~debeeZffZq~km,edhflgZelbjm\qb gZfm,gnZa,iZZjqZeZ,g~bZrjhj.Zl

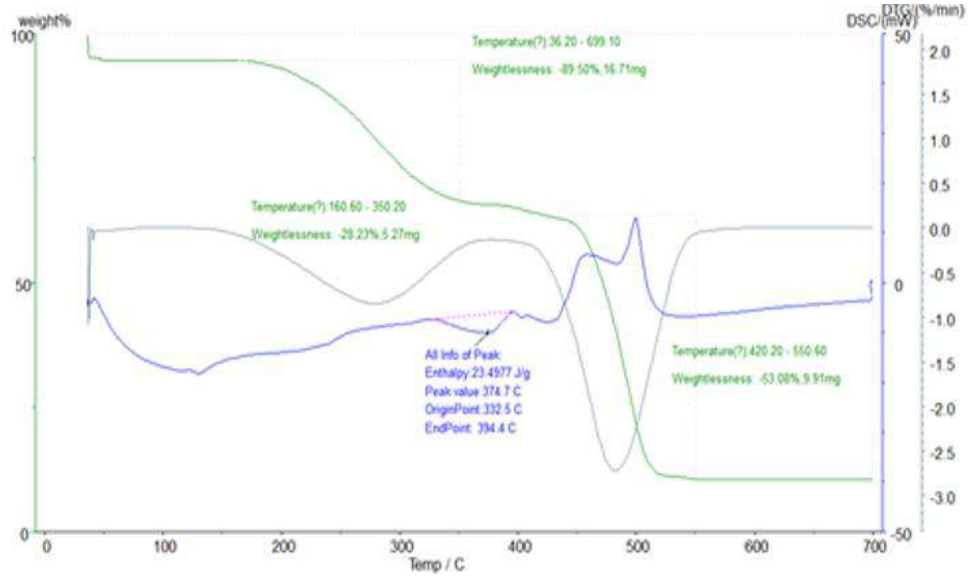
Дифференциал термал таҳлил(анализ) (ДТА) - [m fh^^Zgbg] nbabdZ dbfz\bc fa]ZjbreZjbgb fj]Zgbr mkmeb [feb[bkk xlbebrb [beZg [bj]Z d_eZ^b

Mkmegbg] fh~bylb kbgh\ \Z fhk zam\eZj gZfmg fab^Z ba^bjbe]Zg^Z \Z kh\mhbZej]Zg^Zgb~Zjhjbln_j_g ~ZjhZl feqZr^bj

Cfgzelbjm\qb gZfmgZ kbnZlb^Z fj]ZgbeZzl]Zg kb bfb \Z bkkb ebd fldZam\qZgeb]b bcfZleZjb]Z y b ~ZjhjZl hjZeb b^Z kljmdlmjZ\bc zdb nZaZ\bc fa d_qbjfZcZ^gb]bg_jl fh^^Z^Zg nhbc^ZeZgbeZ^

Термогравиметрик таҳлил (ТГА) - fZkkZ fa]ZjbreZjbgbg] \ ~ZjhjZl]Z [h eb eb]bgb ^hbfbc jZ\br^Z Zc^ _l fZl_jbZeeZj \Z fh^^ZeZjgb lZ~ebe bebr mkmeb fZl_jbZeeZjgbg] fb ^hjbc lZjdgb[g]g^b_d meZjgbg] b [Zj Zjhjeb]bgb Zgb eZr mqmg breZlbeZ^b

=jZ\bf_ljbd mkme zj^Zfb^Z mcb fhe_dmeZe ihebijhibe_ggbg] kZfZjZ^hjeb]bgb Zgb eZr^Z lZ

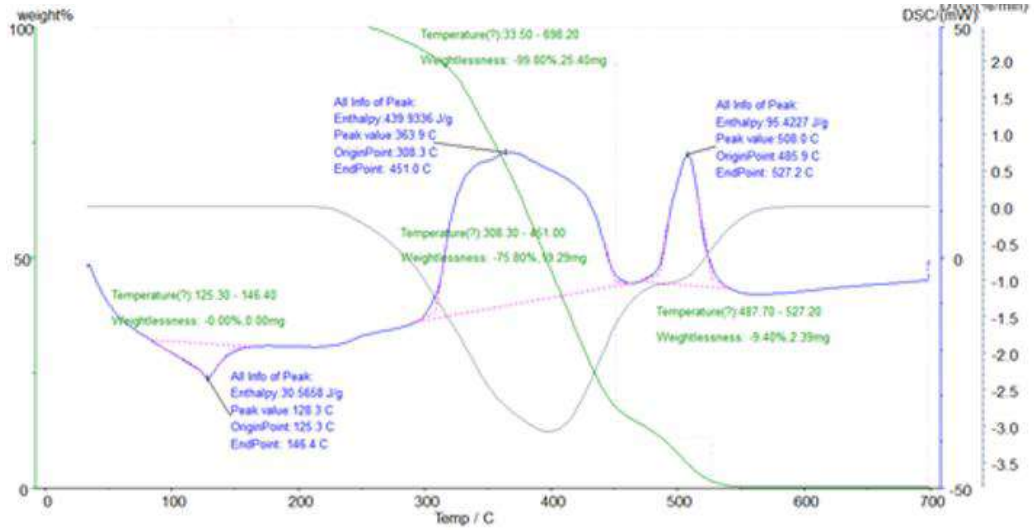

weight%
DSC/(mW)
DTG/(%/min)
Temperature(?):36.20 - 699.10
Weightlessness: -89.50%,16.71mg
Temperature(?):160.60 - 350.20
Weightlessness: -28.23%,5.27mg
All Info of Peak:
Enthalpy:23.4577 J/g
Peak value:374.7 C
OriginPoint:332.5 C
EndPoint:394.4 C
Temperature(?):420.20 - 550.60
Weightlessness: -63.08%,9.91mg
Temp / C

Расм-1. Шўртан газ кимёси иккиламчи махулоти ҚМПЭни термогравиметрик таҳлили

L Z ~ e b e e Z j r m g b d f j k f Z Z l k Z k ^ Z b d d b f h l b e Z ^ b] Z g h j Z e b
c f h l b e b r b ˇ ^ f] y t g b · d m a Z l Z d k e k] Z Z g c f [f h e l k b Z e Z ^ b
h j Z e b ^ Z b g l _ g k b \ i Z j q Z e Z g b r ` Z j Z z g b k h ^ b j [f e Z ^
c f h l b e b r b g b g] Z k ^ h k j b c ˝ f ˇ b f] y t g b Z f Z e] Z h r Z Z ^ k Z
c f h l b e Z ^ b] Z g h j Z e b ^ Z f Z k k Z c f h l b e b r g b [h r e Z g
[f e b [[m _ j ^ Z ˇ ^ f] y t g b · ˝ ˇ g b l Z r d b e w l Z ^ b

> b n n _ j _ g p b Z e l _ j f h] j Z \ b f _ l j b d l Z ~ e b e b m q m g h e
f] h e b g b [` Z j Z ^ k g Z ^ j h j Z l ^ Z f j] Z g b e ^ b

8] . R U * D V & K d h P j o F g Z O k b b d d b e Z f q b o h f Z r z k b m c
i h e b w l b e _ g l _ j f h] j Z f f Z g b g] l _ j f h] j Z \ b f _ l j b d w] j b q b a
d f j k Z l Z ^ b d b L = : w] j b q b a b Z k h k Z g l Z b g l _ g k b
~ Z j h j Z l h j Z e b b ^ Z Z f b Z e] Z k h Z Z ^ c f h l b Z e g Z ^ h j Z e b ± ˇ
ˇ h K ~ Z j h j Z l] Z Z k k Z c f h l b e Z ^ b] Z g h j Z e b h K ·
~ Z j h j Z l] Z Z k k Z c f h l b e Z ^ b] Z g h j Z e b ^ w h K Z ~ Z j h j Z l] Z
f Z k k Z c f h l b e Z ^ b] Z g h j Z e b · w k Z h k d _ e Z ^ b 8 j] Z g
l Z ~ e b e e Z m g b d f j b r f m f d b Z g k d k b Z c f h l b e Z ^ b] Z g h j Z e b
c f h l b e b r b f Z k k Z c f h l b e b r b d m a Z l b e f Z] Z g e b Z l k g Z d
c f h l b e Z ^ b] Z g h j Z e b ^ Z b g l _ g k b \ i Z j q Z e Z g b r ` Z j Z z g

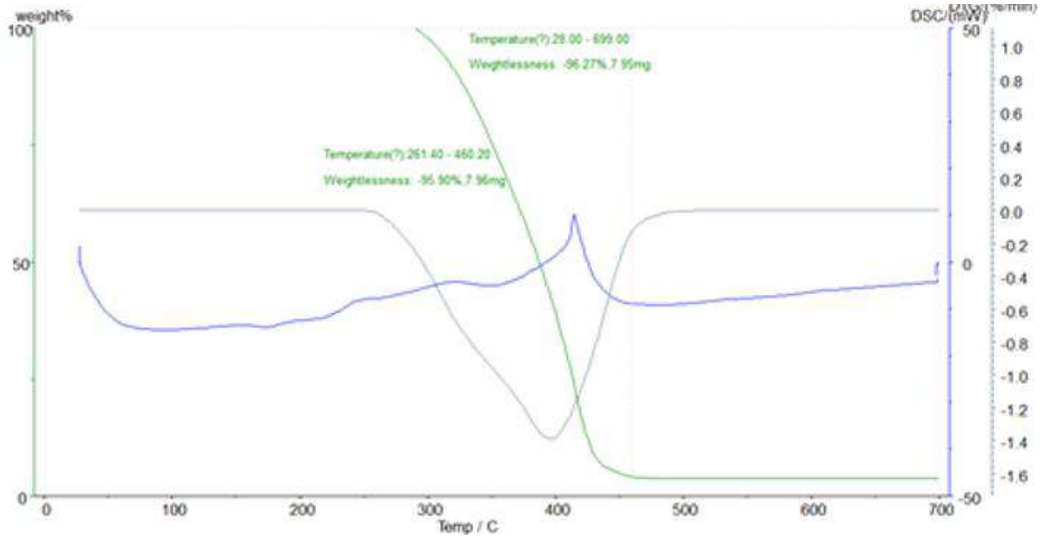


Расм-2. Усюрт газ кимёси иккиламчи махулоти ҚМПЭни термогравиметрик таҳлили

; m h e j Z ^ Z f Z k k Z c f h l b e b r b g b g] Z k h k b c f b ^ h j
^ ˇ · Z f Z e] Z h r Z Z ^ k k Z c f h l b e Z ^ b] Z g h j Z e b ^ Z f Z k k
[m _ j ^ Z ˝ f] y t g b ˝ g b l Z r d b e b e] Z g e b Z l k g Z d
c f h l b e Z ^ b] Z g h j Z e b ^ Z l b f e Z k k g Z b m c f Z g b r b l m Z] Z l b e b r b
[f e b [[m _ j ^ Z ˇ f] y t g b ˝ ˝ · g b l Z r d b e b e b g
X h j b ^ Z] b] j Z n b d ^ Z y g Z r m g b d f j b r f m f d h K g d Z j h j Z l

hjZeb b^Z wg^Zl_jfbd hK \Z ^·˘^^ hK ˜ZjhjZl hjZeb b
w]aZflb_jl ˜h^bkZkb kjhZ^dbj [fe

8].RU *DV &KURPDWRJUDPPDVL bddbeZfqb ohfZrzkb mc
ihebijhibe_gbgrbn_^j_gpbZe l_jfh]jZ\bf_ljbd lZ˜ebeb r
fh^^Z^Zg · f] hebgb[hK ZjZZjhjZ1^Z fj]lZ_jfhe]^ZffZgbg]
l_jfh]jZ\bf_ljbd w]jb qbab b lZ˜kZdZ^bdbgbL=d:fjw]jb q
Zkhkzg lZ bgl_gkb\ fZkkZ cf hlbeZ^b]Zg ˜ZjhjZl h



Расм-3. Усюрт газ кимёси иккиламчи маҳулоти ҚМПП ни термогравиметрик таҳлили

fZkkZ cf hlbeZ^b]Zg hjZeb hK ˘˜ZjhjZl]ZZkkZ
cf hlbeZ^hbj]Zegb ˘˘˘˘ hK ˜ZjhjZl]Z fhk d_eZ^b LZ˜e
dfjkZlZ^bfdZbkkZ cf hlbeZ^b]Zg hjZeb ^Z fZkkZ cf hlb
˘˘ ^ dmaZlbe]Zg [fZkkZ^Zcf hlbeZ^b]Zg hjZeb ^Z]
iZjqZeZgbr `ZjZzgb^Z Zkhkbc fZkkZ[cfeZh^lbebYrgbkhf^Zbk
cf hlbebrbgbg] Zkhkbc fb ^hjb ^ ˘˘ f] ytgb ˘˘ ˘ Zf

Rmg^Zc beb[lZ^ b hl gZlb`Zkb^Z fZtemf [f e^
fh^^ZeZjgbg] fZdkbfZe iZjqZeZgbr ˜ZjhjZlbmg_mgl
ijbkZ^dZeZj \Z h rbfqZeZj`ZZhe[Z[[e_jZ^b]Z \Z kl
breZlbebrb fmfdbg

Фойдаланилган адабиётлар рўйхати:

Mwg^eZg^ M L_jfbq_kdb_ f_lh^u ZgZebaZ l
F ˛ ˘˘^·

X F ;mll < < LbfZr_\ ljZdlbdmf ih obfbq_
\y`msbo fZl_jbZe<hu\krZnydheZ ˘˘^ ˜k

3ULQFLSOHV DQG $SSOLFDWLRQV RI 7KHWW
VW HG · %ODFNZHOO 3XEOLVKLQJ /WG S ·

/RQJ &KHQJ :HQ /L <LIDQ /L <XH <DQJ
'RQJPLQJ 6RQJ 7KHUPDO DQDO\VLV DQG HFRQRPLF
FRSSHU VXOIDWH SHQWDK\GUDWH -RXUQDO RI

KWWSV GRL RUJ

3RO\PHUV =DRXDOL 5 0VDKOL
YLVFRHODVWLF PRGHO IRU GHVFULELQJ
MRXUQDO RI DSSOLHG UHVHDUFK RQ WH[WLOH