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TO DIFFERENTIATE THE ABSORBANCE VALUE OF DECIMAL AND CENTESIMAL SCALE OF MAGNETIS POLI AMBO BY SPECTROSCOPIC ANALYSIS

[1*]Trisha Maity, [2]Dr. Monimala Pramanick, [3]Dr. Naresh Bhusara and [4]Dr. Poorav Desai

[1*]Student of 1st BHMS, Jawaharlal Nehru Homoeopathic Medical College, Parul University, Vadodara.
[2,3]Associate Professor from Department of Homoeopathic Pharmacy, Jawaharlal Nehru Homoeopathic Medical College, Parul University, Vadodara.
[4]Dean and Principal of Jawaharlal Nehru Homoeopathic Medical College, Parul University, Vadodara.

***Corresponding Author: Trisha Maity**

Student of 1st BHMS, Jawaharlal Nehru Homoeopathic Medical College, Parul University, Vadodara.

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ABSTRACT

Through this exploration work investigating the different pulverizing of Magnetis Staub 1x-6x arranged with sugar of milk by FTIR is finished. (Fourier Change Infrared Spectroscopy. **Strategy:** For the arrangement of pulverizings of Magnetis Staub 1x-6x, Magnetic outside in vehicle sugar of milk is utilized in the proportion of (1: 9) AND magnetis poli ambo 1CH to 6CH where the sugar of milk is taken as 99 gm. A while later passing this examples under FTIR (Fourier change infrared spectroscopy) is finished**. Results:** Examination under FTIR (Fourier change infrared spectroscopy) that even after lengthy tritutation we can recognize the hydroxyl bunch, and attractive nano particles, whereas in Magnetis poli ambo 8 CH 1st absorbance value is seen in between 200-500nm and 2nd absorbance value is seen in between 500-800nm whereas Magnetis poli ambo 8 X, 1st and 2nd absorbance value is seen in between 500-800nm.

KEYWORDS: IR, UV Spectrometer, wavelength.

INTRODUCTION

Fourier change infrared (FTIR) spectroscopy is a particular kind of infrared spectroscopy. In contrast to a dispersive infrared spectrometer, where a dispersive component parts the approaching light into its ghostly parts and where every part is estimated exclusively, each in turn ("filtered"), in FTIR, all frequencies of light are estimated all the while. The infrared range is then gotten through a mathematic change called Fourier change. Since FTIR spectroscopy estimates all frequencies at the same time, FTIR examination can be performed a lot quicker contrasted with a filtering procedure.

Fourier-change infrared spectroscopy (FTIR).[1] is a procedure used to get an infrared range of ingestion or discharge of a strong, fluid, or gas. A FTIR spectrometer all the while gathers high-goal ghostly information over a wide ghastly reach. This presents a huge benefit over a dispersive spectrometer, which estimates power over a thin scope of frequencies all at once.

The term Fourier-change infrared spectroscopy begins from the way that a Fourier change (a numerical interaction) is expected to change over the crude information into the genuine range.

The objective of retention spectroscopy strategies (FTIR, bright noticeable ("UV-vis") spectroscopy, and so on) is to quantify how much light an example ingests at each wavelength.[2] The most direct method for doing this, the "dispersive spectroscopy" strategy, is to focus a monochromatic light bar at an example, measure the amount of the light is consumed, and rehash for each unique frequency. (This is the way some UV-vis spectrometers work, for instance).

Fourier-change spectroscopy is a less natural method for getting a similar data. Instead of focusing a monochromatic light emission (a pillar made out of just a solitary frequency) at the example, this method focuses a bar containing numerous frequencies of light on the double and measures the amount of that bar is consumed by the example. Then, the shaft is changed to contain an alternate mix of frequencies, giving a subsequent data of interest. This cycle is quickly rehashed many times throughout a brief time frame range. Subsequently, a PC takes this information and works in reverse to derive what the retention is at every frequency.

All Fourier Change Infrared (FTIR) Spectrometers Require Three Essential Parts

1. An IR light source that transmits the IR light.

2. An interferometer that time-conditionally adjusts the unearthly creation of the IR light.
3. A finder that recognizes the light power.

At the point when the IR light enters the interferometer, a pillar splitter partitions the light into two optical shafts. The main shaft is reflected by a decent mirror, while the subsequent bar is reflected by a moving mirror. This mirror continually moves to and fro and, contingent upon its situation, the subsequent bar voyages a more drawn out or more limited distance. The two shafts meet again at the beam splitter, where they impede one another. Because of the changing voyaging distance of the subsequent pillar, the subsequent IR light leaving the interferometer has a continually changing recurrence dissemination. The identifier records this "interfero gram" - an element of the sign power versus time (= reflect position) - which is Fourier changed by a PC into a recurrence range - a component of the sign force versus recurrence/wavenumber.[3]

There is no distinction between infrared (IR) and Fourier change infrared (FTIR). FTIR is a more unambiguous term that depicts an IR estimation where the FTIR standard has been applied (recording of the sign in the time space and resulting Fourier change of the sign into the recurrence area).[4]

Actually, the consequence of any Fourier change infrared (FTIR) investigation is a FTIR range. Separating broad data from this IR spectrum is conceivable.[5]

Each practical gathering in a particle has a trademark IR band (or more groups). In this way, an IR range can be utilized to distinguish the presence of specific utilitarian gatherings in an example. This is an application to affirm the atomic construction of an obscure example normally found in Research and development labs or in a scholarly setting. Agilent Micro Lab Master programming gives some assistance the understanding of IR spectra through a far reaching set of adjustable translation rules for sorting IR groups and doling out them to specific useful gatherings.[6]

Normal issues FTIR can assist with tending to incorporate ID of an obscure example (or affirmation of the personality of a known example) and the evaluation of a part in an example (e.g., the liquor content close by sanitizers). These subtleties can be removed by physically examining the deliberate IR range.[7] Nonetheless, manual examinations are in many cases tedious, require insight and mastery, and are impacted by client fluctuations. In this manner, the Agilent Micro Lab FTIR programming has been intended to wipe out these means from the work process.[8] The product is technique driven, and toward the finish of an image directed work process, the client is naturally given the eventual outcome. For ID work processes, Micro Lab shows a hit list with the best library matches, while for evaluation applications, the product naturally plays out all estimations and gives variety coded results.[9]

The Micro Lab programming for FTIR investigation consequently perceives the connected examining module and applies the right boundaries. The product explores the client, bit by bit, through the scientific work process utilizing enlightening pictures. Variety coded results, straightforwardly revealed after information obtaining, make information survey fast and natural.[10]

Magnetis Poli Ambo

Side effects created by contacting either post of the magnet, aimlessly, or by laying the entire of the attractive surface upon the body.[11] The potencies have been arranged by pulverizing milk sugar which had been immersed when presented to the magnetic dust, a technique Hahnemann doesn't seem to have polished.[12]

The pathogenesis of the magnet with everything taken into account, and of each post autonomously, is from Hahnemann's Materia Medica Pura. It is to the principal proving and view of Hahnemann that we owe these critical fixes, and no better or more reasonable show perhaps can be given than he has equipped in the Materia Medica Pura.[13]

MATERIALS AND METHODOLOGY

Type of Study: Analysis
Place of Study: Jawaharlal Nehru Homoeopathic Medical College, Vadodara and CR4D (Centre of Research and Development of Parul University).
Tool Used FTIR: (Fourier Transform Infrared spectroscopy).
Duration of the Study: 15 days.
Equipment: Beaker, mortar and Pestle, Electronic weighing balance, Spatula, Potentizer.
Procedure: Sterilization- First sanitize all the research centre hardware's under hot air broiler for somewhere around 10-15 Minutes.
Weighing of: magnet, sugar of milk 9 gm. and 99 gm. by balance.

Planning of 1X Power: Stage I: The potencies have been arranged by pulverizing milk sugar which had been soaked with attractive residue in dry mortar blended in with 3 gm part of sugar of milk, smashing for 6 minutes, 3 minutes scratching, 1 minutes mixing, do the equivalent structure for next 10 minutes. 14 Around the completion of 20 minutes we will go for next stage. Stage II: Add more 3 gm. of sugar of milk in a comparable mortar, and do the very method that is pulverizing for 6 minutes, 3 minutes scratching, 1 minutes mixing, do the near structure for next 10 minutes. Close to the completion of 20 minutes we will go for next stage. Stage III: Add third piece of sugar of milk (3 gm) in mortar and by equivalent strategy for next 20 minutes. Now toward the finish of 60 minitus we get Magnetis Staub 1x.[15]

Magnetis Poli Ambo 2X - Stage I: Take 1 piece of past made Magnetis Staub 1X power in great and dry mortar and mixed with first piece of sugar of milk for example (3 gm), from that point on start as in the past. Furthermore, by this methodology we get Magnetis Staub 2X. By this interaction we get ready magnetis staub 3x, 4x, 5x, 6x. BY the same process 1gm of magnet powder is mixed with 99 gm. of sugar of milk and 1 CH to 6CH is prepared.[16]

OBSERVATION

After arrangement test ought to be kept on cool place and saw by organoleptic assessment like smell, variety, consistency and so forth.

RESULT ANALYSIS

Under FTIR (Fourier transform infrared spectroscopy).

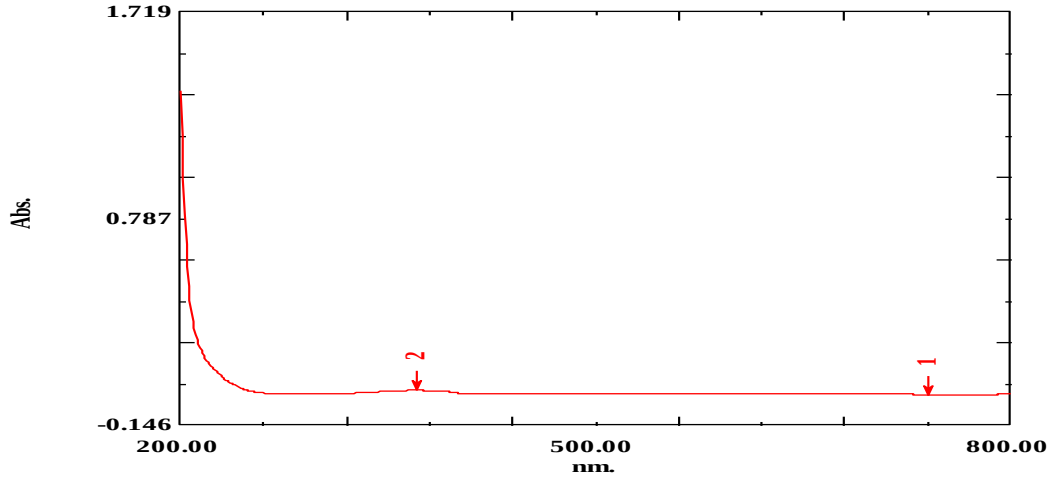

Figure No. 1: Absorbance Value Magnetis Poli Ambo 8 CH.

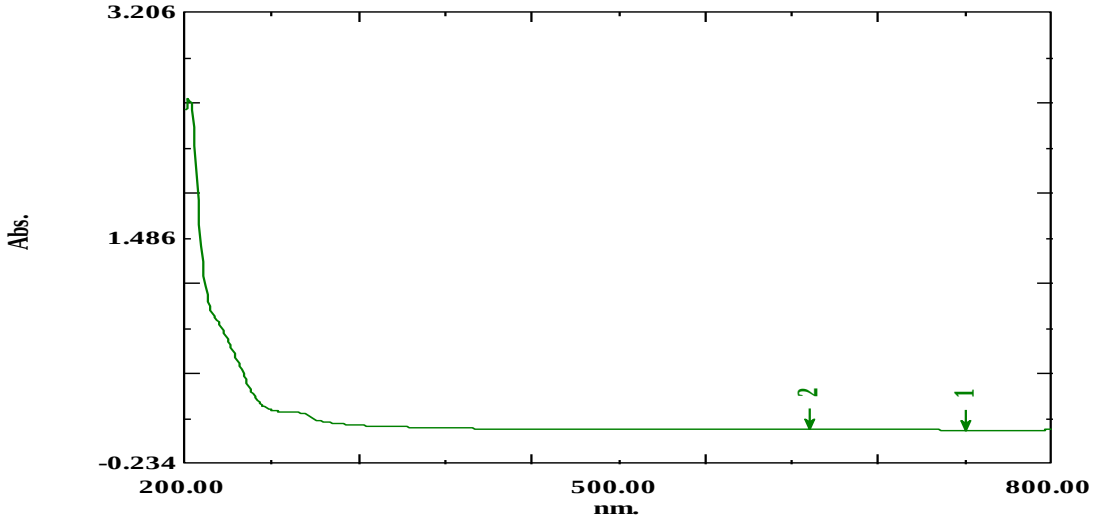

Figure No. 2: Absorbance Value Magnetis Poli Ambo 8X.

Magnetis Poli Ambo 8CH	1st absorbance value is seen in between 200-500nm
	2nd absorbance value is seen in between 500-800nm
Magnetis Poli Ambo 8X	1st absorbance value is seen in between 500-800nm
	2nd absorbance value is seen in between 500-800nm

So while we are going through the different trituration of magnetis poli ambo with ethyl liquor we have seen the different absorbance worth of infrared radiation of magnetis stuab 1x, 2x, 3x, 4x, 5x, 6x and 1CH, 2CH, 3CH, 4CH, 5CH AND 6CH. And by it we can demonstrate the restorative power and presence of restorative property in every pulverizing of magnetis staub. And both of decimal and centesimal scales have given good results and are useful for treatment.

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5. As of July 2006, pure glycerol was sold at 600–800 E/ton while crude glycerol of high quality obtained by biodiesel production was sold at 600–700 E/ton with glycerol currently priced at around 850 USD/ton. At prices approaching 770 USD/ton, glycerol becomes a significant platform chemical. If, as anticipated, biodiesel production grows to 3.23 million tons worldwide, an extra 323 000 tons of glycerol would reach the market thus rendering glycerol a readily available commodity.
6. Biodiesel yields a net energy balance ratio of 1.93 (i.e. 93% more energy produced than the energy invested in its production, whereas ethanol yields only 25% more energy): J. Hill, E. Nelson, D. Tilman, S. Polasky, D. Tiffany, Proc. Natl. Acad. Sci. USA: 2006; 103: 11-206.
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