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## Lab created emerald

Zambian color emerald The most recognizable product of the company TAIRUS GEMS, which you can find in many collections of the largest jewelry companies in the world. The bright, rich color of the emerald is highly valued by jewelry designers. And tairus gems emerald, designed in a product, because of its purity, looks even better than the natural. Get notified when this jewelry item is available for purchase! You notification settings have been saved without success. The gems created in the lab and those that are mined underground carry similar chemical, physical and optical properties. Those made in the laboratory are superior because they are close to perfection, affordable and have smaller carbon tracks. Emerald is a gemstone that is rare in its natural and perfect form; and if it is available anywhere, the cost is still too high. However, there is nothing to worry about because lab created emerald stones are always available as a perfect option. You should understand that emeralds created in laboratories are not imitations. Although the imitation emerald is also artificially made, it does not follow nature's recipe. The one developed in the laboratory can be trusted because their recipes are similar to the natural ones. In addition, the chemical composition, appearance, and optical isomerism of lab-created emerald stones are similar to those in natural emeralds. How emeralds are created in the laboratory? The formation of emeralds underground is a very long process, but in the lab the same process and the same composition are completed in a fraction of the time and the cost incurred is much less compared to mining. The lab created emerald is so similar to the natural that it is very difficult for an average eye to identify the difference. The differences between both types of beads can only be identified by an experienced person and that too with the help of high magnification instruments. The natural emeralds have various minerals and gases that may be included during the molten stage of stone development. This is the big difference because lab made emeralds undergo controlled and steady process of minerals, pressure and heat application, thereby having less inclusions and being very close to perfection. So, people get the opportunity to have high quality lab created emerald that is significantly priced lower compared to its natural counterpart. Some Misconceptions You should know and correct yourself! These are always misunderstood with imitation emeralds, but emeralds made in the laboratory are genuine and real. There are many misconceptions about lab created emerald gemstones that you should be aware of. Here are some of them so you can correct yourself. Many people believe that these are not real, but people should correct themselves because emeralds created in the lab are 100 percent genuine in all properties, such as physical, chemical and This is in accordance with the synthetic gem's official gemological definition that says that identical in every way to the natural counterpart. This is also not true because nowadays, it is seen that natural emeralds are more often treated. But those created in the laboratory are not irradiated, colored or heat-treated. So, you should decide whether to go for treated mined emeralds or an untreated emerald created in the laboratory. This is again a misconception. The emeralds made in the lab cost only 15-20 percent of the cost of natural good quality emerald. There are many natural emeralds available at low cost equivalent to those created in the lab, but their quality is very low. The emeralds prepared in the lab have a single quality and that's fine. The lab created emerald stones come only in high quality. This is one of the biggest misconceptions people have about emeralds prepared in the lab. In fact, the controlled environment in the laboratory emerald helps to function more smooth and rich color. So, people should correct themselves because in terms of clarity and color saturation, emeralds created in the laboratory are more beautiful than the natural ones. Some people who fancy natural emeralds complain that laboratory made emeralds lack inclusions. They should correct themselves because emeralds created in the lab also have inclusions. In fact, inclusions are a result of catalyst growth and occur in nature as well as lab. In addition, some people have the opinions that lab created emerald stones wear improved and more natural appearance. Another misconception people have is about the durability of emeralds created in the laboratory. People think they are more brittle and easily get broken or injured. This is false because 90 percent of emeralds are treated or created in laboratories, and if that were the case, most of the buyers of emeralds would complain about the damage but they are not. Lack of astrological powers Some believe that emeralds created in the laboratory lack astrological powers. This is false because astrologically, a gemstone is effective when sunlight enters through it in the body of the person wearing it. Since the chemical structure of natural and lab made gemstones are the same, the sunlight will pass through the same chemical structure and into the body of the wearer. This proves that the lab created emerald carry the same astrological powers. Some Benefits Besides being a great alternative to natural emeralds at a much more affordable price, these stones have several other properties as well. Some of them are mentioned below: The emeralds created in the laboratory do not harm natural resources. It is common knowledge that in order to get natural gemstones, mining and digging is necessary. However, emeralds made in the lab use a fraction of the resources and tools required mining process. If you have emerald jewelry made with those who are prepared in the laboratory- can easily travel with it. You can leave your valuable and expensive jewelry at home. When you buy a piece of jewelry made from emeralds prepared in the lab, your jeweler will tell you about the different quality levels of these emeralds. As natural emeralds have different levels, so do these. Being aware of the level will help you pay the real value of the piece you buy. So, these misconceptions and benefits will help you clear any doubts about emeralds created in laboratories. You shouldn't worry because these are as real as they are broken. Whether it's cost, durability, astrological powers or any other factor, you'll benefit most from laboratory-created emeralds. Everyone can afford to wear a beautiful, synthetic emerald of the same composition as natural emeralds. Most natural emeralds contain defects that affect clarity. Our artificial gemstones include high quality emeralds and clarity available to almost everyone. Today you can find all kinds of Lab Created Gemstones on the market that lab created ruby, lab created sapphire, lab created alexandrites. Of all these Lab Created Gemstones, the lab created Emerald is considered the best discovery made by man. Not everyone can afford to wear a piece of jewelry with real emerald stones as a top quality real emerald can cost up to \$40,000 to \$100,000 a carat. But most of the people can afford to wear jewelry with synthetic emeralds in it as you can easily find a top quality lab created emerald at gemsngems for under \$100. We have some of the finest loose emerald stones for sale. When you look at our selection of loose emeralds for sale created in our laboratories, we are confident that you will find beautiful gemstones at a very affordable price. The lab created emeralds that we supply here made by the hydrothermal process that's why some people also call it hydrothermal emerald. This process uses an aqueous solution at high temperatures and it takes many months to create a top degree synthetic emerald rough. We then use specialist engineers to cut these stones from roughs to get the best quality lab created emeralds. The synthetic emeralds you will find here will have the same chemical composition as the real emeralds. Here at gemsngems – we can cut the lab created emeralds in all shapes and sizes. It is very popular with jewelers as it is used both in silver and gold jewelry. I have all the prizes for the synthetic emeralds on this page. If you can't find anything you're looking for, send me an e-mail on [info@gemsngems.com](mailto:info@gemsngems.com). We hope you enjoy browsing our pages of gemstones and find it easy and convenient to buy emerald stone. When you browse our products, you will see that we not only have a variety of emeralds for sale, but also other natural and synthetic beads. COLOR: A very nice green color that a natural emerald would feel envious of. CHEMICAL COMPOSITION: BeAISiO BeAISiO Similar to natural Emerald. CUT: Round Brilliant Cut, Oval Brilliant Cut, Pillow Cut, Square Cut, Rectangular Octagon Cut, Marquise Cut, Trillions Cut, Heart Shape Cut, Pear Form Cut SPECIFIC GRAVITY: 2.65-2.69 REFRACTIVE INDEX: 1.561-1.571 HARDNESS: 7-7.5 FORMATION: Hydrothermal or Flux-lab fusion process. The technique usually involves crystallizing crystal nutrients in an acidic solution of water and chemicals at high temperatures and pressures, with crystallization occurring in a cooler chamber in the reactor. UNUSUAL FEATURES: Synthetic emeralds will have characteristic inclusions reducing the stone value. A fine synthetic emerald will look like the highest quality natural emerald to the untrained eye. Synthetic and natural emerald can be distinguished by its specific gravity, refractive index and opaqueness. USE: Good for earrings, rings, pendants and other jewelry. WHAT WE DELIVER: Synthetic Emerald in different grades and sizes is available with us. We also supply the rough stones of these materials. GRADE INCLUSIONS SIZE GRADE A Much smaller inclusion to clean 2-18mm GRADE B Lite inclusions 2-18mm GRADE C More inclusions 2-18mm all items are in stock for immediate delivery delivery