



<b>Naziv uređaja</b> Polarizacioni mikroskop	<b>Apparatus</b> Polarizing microscope
<b>Proizvođač i model/The manufacturer and model</b> Olympus, Japan, Olympus BX53-P polarizing microscope	
<b>Kratak opis metode</b> Svetlost koju generiše izvor svetlosti se polarizuje prolaskom kroz polarizator i usmerava se ka uzorku. Nakon prolaska kroz uzorak svetlost dolazi do analizatora. Ukoliko je analizator postavljen pod uglom 90° u odnosu na polarizator dolazi do gašenja svetlosnog snopa, osim ako uzorak ima sposobnost da okreće ravan polarizovane svetlosti.	<b>Short description of the method</b> The light generated by the light source is polarized by passing through the polarizer and directed towards the sample. After passing through the sample light reaches the analyzer. If the analyzer is set at an angle of 90° relative to the polarizer, the beam of light is extinguished unless the sample has ability to rotate the plane of polarized light.
<b>Tehničke karakteristike</b> Uveličanje okulara: 10x; Uveličanje objektivna: 4x, 10x UC50 CCD color camera 5 MPa cellSens 1.15 life science imaging software	<b>Technical characteristics</b> Ocular magnification: 10x; Objective magnification: 4x, 10x UC50 CCD color camera 5 MPa cellSens 1.15 life science imaging software
<b>Primena i tip uzorka</b> Detektovanje kristalnih materijala. Određivanje veličine čestica materijala.	<b>Application and sample type</b> Detection of crystalline materials. Particle size determination.
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<b>Link ka uređaju na sajtu proizvođača / Link of the product on the manufacturer's website</b> <a href="https://www.olympus-lifescience.com/en/microscopes/upright/bx53f2-p/">https://www.olympus-lifescience.com/en/microscopes/upright/bx53f2-p/</a>	