

## **“Heavy-metal minerals in old and new cosmeceuticals? An unusual application of XRPD”**

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### **Abstract:**

The technique of X-Ray Powder Diffraction has been used to identify the presence of heavymetal minerals (e.g. Galena, PbS) in old and new eye cosmetics/medicines (sometimes, “Kohls”).

The 'old' are mainly from Pharaonic Egypt and the 'new' from the souks (local markets) of several present-day Middle East countries.