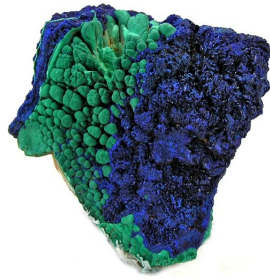


Azurite

Benjamin Bass

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General Mineral Formula: $\text{Cu}_3(\text{CO}_3)_2(\text{OH})$

Mineral Chemical Class:

Specific Gravity:

Hardness:

Cleavage:

Luster:

Streak:

Characteristic Color(s): Azure Blue

Crystal System:

Crystal Class:

Effervesce: Will Effervesce slightly when HCl applied.

Crystal Description (common forms, habit, etc.): Forms in Encrusting Botryoidal formations. Look at footnote 1 for picture 1.

Environment (where you find the material):

¹Encrusting Botryoidal crystal form shown here. Also note the Azure blue color. Can identify if it effervesces a little with HCl (better on the botryoidal form). This form is right next to Malachite- very common.

²Less common mineral structure. Very common color (Azure Blue). Make sure to apply HCl to check for lil fizz. Look for surrounding Smithsonite or Malachite.

**Common Mineral Associations (in samples, also consult text,
notes: Almost always associated with Malachite or Smithsonite**

Scientific Usage/Significance:

Industrial or Social Use/Significance:

Environmental Significance: