# LMHC Information Sheet # 8

# Gemstones where colour authenticity is undetermined

Members of the Laboratory Manual Harmonisation Committee (LMHC) have standardised the wording they use to describe cases where colour authenticity is undetermined. These situations typically apply to beryl, demantoid garnet, quartz, spodumene (kunzite), topaz, tourmaline, zircon, zoisite (tanzanite), etc.

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Gemstones which are commonly heated and/or irradiated, but whose treatment, or lack thereof, is typically not determinable or has not been determined, shall be described as,

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|---|---|
| Identification: | |
| Species: | **(Natural)[1] [Species][2]** |
| Variety: | **[Colour[3], Variety[4]]** |
| Further information[5]: | **[Gemstone][2] is commonly heated and/or irradiated[6] (to improve or change the colour)[1]** |
| | and/or |
| | **Colour authenticity is currently undeterminable,** |
| | or |
| | **Colour authenticity has not been determined.** |

[1] wording and text in parenthesis is optional
[2] Insert the recognized species name
[3] Insert colour when appropriate
[4] Insert the recognized variety name
[5] This information may be on the report or in an attachment
[6] Use heated and/or irradiated as appropriate