

LBMA Reference Material Project Update 2021

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Since the update presentation in 2019, the new silver reference materials AgRM4 and AgRM5 have been certificated and released in October 2019. The new gold reference materials AuRM4 and AuRM5 are to be available in March 2021. These new reference materials are replacements for the first set: AuRM1 and AuRM2 with the addition of Ca, In, Ir, and Ru.

The process and the results of homogeneity testing for these new reference materials was discussed in 2019 Assaying and Refining Conference presentation. This presentation will focus on how the interlaboratory certification process worked, how final concentration values were calculated, and how the overall uncertainty was determined for the final certificate values.