

The world's only CRMs specifically designed and certified for **Chrysos PhotonAssay™**

ENSURE ACCURACY, RELIABILITY AND CONFIDENCE IN YOUR SAMPLE ANALYSIS.

Using pulverised CRMs to analyse crushed samples can create issues with stability, segregation and separation. Discover how **using CrushedCRMs™ Primary** establishes a best practice for PhotonAssay™ analysis:



Matched to Sample.

Use a crushed CRM to QC a crushed sample analytical method.



Pre - Packaged.


Packaged in a Chrysos PhotonAssay™ jar, ready for immediate use.





Independently Certified.

Calibration of the method and QC of the method remain separate.

IM Standards are The CRM Specialists. We provide technical leadership in the development, manufacture and use of certified reference materials.

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FIND OUT MORE ABOUT IM STANDARDS



Matched to Sample

CrushedCRM™ – Primary has the **same physical and bulk chemical properties** as routine samples. The distribution of gold within the material is similar to a typical sample, located within the ~5mm particles.

CrushedCRM™ – Primary is **stable**. Pulverised gold CRMs can be challenging to pack consistently into the Chrysos PhotonAssay™ jar and can exhibit variable packing density between jars and within jars over time, causing analytical bias.

CrushedCRM™ – Primary contains **minimal fines**, resulting in particle stability within the jar and eliminating segregation. The product is specifically designed and engineered with an extremely high within-jar and between-jar homogeneity.

CrushedCRM™ – Primary exhibits **repeatable and precise** Chrysos PhotonAssay™ jar fill properties and does not stick to the inside of the jar or obscure fill factor measurement.

Pre – Packaged

CrushedCRM™ - Primary is conveniently supplied in **pre-weighed Chrysos PhotonAssay™ jars**. Immediately ready to use, they are supplied **sealed**, with a **high-fill factor** (nearly 100%).

We offer customisable labelling design for easy identification and can ship product directly to laboratory service provider.



Independently Certified

CrushedCRM™ – Primary is **certified using a gravimetric method during the manufacturing process**. This provides an estimation of the gold concentration completely independent of either Chrysos PhotoAssay™ or Fire Assay techniques.

CrushedCRM™ – Primary is **manufactured to specific gold grades** to cover the full analytical range of routine samples, with targeted grades at cutoff and at low levels where Chrysos PhotonAssay™ precision needs careful monitoring.



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