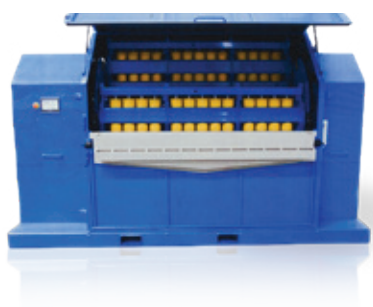


# The world's only CRMs specifically designed and certified for **MPC PAL1000™**

ENSURE ACCURACY, RELIABILITY AND  
CONFIDENCE IN YOUR SAMPLE ANALYSIS.

Using conventional pulverised CRMs to QC a crushed sample technique does not test the critical pulverisation process. Diluting pulverised CRMs when using low aliquot masses for the PAL1000™ technique does not match the certification conditions, obscuring QC uncertainty limits.

Discover how using CrushedCRMs™ - Pre-Mixed establishes a best practice for PAL analysis:



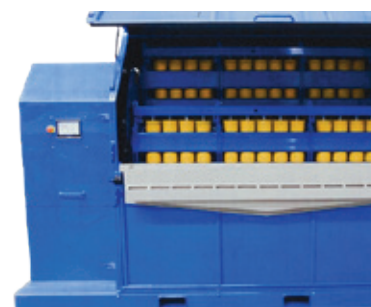
#### **Matched to Sample.**

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



#### **Packaged Ready for PAL1000™.**


Packaged in 500g units, ready for immediate use.





#### **Specifically Certified for PAL1000™**

Round Robin MPC PAL1000™ method.

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

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 enquiries@imstandards.com.au

 16 Durham Road, Bayswater, WA 6053

 www.imstandards.com.au

FIND OUT MORE ABOUT IM STANDARDS



## Matched to Sample

**CrushedCRM™** – Pre-Mixed **tests the pulverisation step** in the PAL process. This means CrushedCRM™ are **pulverised and leached in the method** like a routine sample.

Crushed CRMs™ are manufactured with gold disseminated within each particle and the right particle size distribution, . This means that the gold is leached over time, unlike pulverised gold CRMs, which will leach very quickly as the gold is already liberated.

Samples by nature are heterogeneous. We have designed Crushed CRM™ - Pre-Mixed to exhibit similar heterogeneity characteristics.

PAL CRMs are manufactured to contain internal bag (within-unit) heterogeneity. The high level of homogeneity between bags (within batch) is maintained by our proprietary blending technology.

## Packaged Ready For PAL1000™

**CrushedCRM™** – Pre-Mixed are **packaged at the aliquot size (500g)**. They are a single-shot, ready-to-use product. No additional sample preparation or splitting is required.



## The Only Gold CRM Specifically Certified For PAL1000™

**CrushedCRM™** – Pre-Mixed are designed and certified for PAL at the method aliquot mass.

They are certified by round robin for MPC machines. Proficiency testing programs for onsite laboratories are available.



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