



CCRMP

Canadian Certified Reference Materials Project

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PCMRC

Projet canadien de matériaux de référence certifiés

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Certificate of Analysis

Certified Uranium Ore Concentrate CUP-2

Certified Value

U, mass % 75.42

95% Confidence limits

Low 75.25

High 75.59

Description

CUP-2 is a uranium ore concentrate reference material produced as joint effort between CCRMP and the Analytical Subcommittee of the Canadian Uranium Producers Metallurgical Committee.

The material was received from the Blind River refinery of Eldorado Resources Ltd. in the summer of 1986. It was blended, checked for homogeneity by X-ray fluorescence analysis, bottled in 25-g units and distributed for analysis.

Certification Project

CUP-2 was characterized by an interlaboratory analysis program. Eight member laboratories of the Analytical Subcommittee, six commercial laboratories, and three additional volunteer laboratories participated in the project by

providing five replicate results on up to 17 analytes. Uranium was reported on a dry basis; all others were determined on an "as received" basis.

Recommended Values For Impurity Constituents

Moisture	2.94	B	0.0051*
S	0.80	Fe	0.311
Si	0.17*	Ni	0.0029
Ti	0.019	Na	0.459
Ca	0.62	Mo	0.069
V	0.066*	Mg	0.229
As	0.035	K	0.11*
Zr	0.044*	P	0.030*

* provisionally recommended

Legal Notice

The Canadian Certified Reference Materials Project (CCRMP) has prepared this reference material and evaluated the analytical data of the interlaboratory certification program to the

best of its ability. The Purchaser, by receipt hereof, releases and indemnifies CCRMP from and against all liability and costs arising out of the use of this material and information.

Reference

The preparation and certification procedures used for CUP-2 are described in CANMET Report CCRMP 88-3E, "CUP-2: A Certified Uranium Ore Concentrate", which is available at no charge on request to:

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*Pour obtenir la version française du présent
certificat d'analyse, prière de s'adresser au
Coordonnateur du PCMRC*