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### **CERTIFICATE OF ANALYSIS**

**PRODUCT:** 100 Platinum Cobalt Colour Standard (Hazen)  
**PRODUCT NO:** HAZ100  
**LOT NO:** HAZ10022B1  
**DATE OF TEST:** 10/02/2022  
**EXPIRY DATE:** 28/02/2024  
**MEAN ASSAY:** 100.0 ± 0.1  
**SPECIFICATIONS:** 99.9 - 100.1 Hazen units

#### **TEST METHOD:**

The result reported above was determined by analysis of a sample of this lot taken at time of manufacture.

The spectral characteristics of the sample were recorded in a 10 mm cell between 380nm and 780nm using a Shimadzu UV1800 in accordance with LAB-P-TPUVT. The chromaticity coordinates reported above were calculated from this data according to ASTM E308, using Illuminant C and 2° Observer.

The Pt-Co value of this liquid reference was calculated from the information provided in ASTM D1209 and ISO 6271-2. Analysis of this product is traceable to NIST SRM 930e.

The uncertainty reported is the expanded uncertainty ( $k=2$ ) for a 95% confidence interval.

This certificate is electronically generated and does not require a signature.

**DATE:** 16/02/2022

This certificate must not be reproduced except in full.