

1.00246.0250

Platinum Cobalt Color Standard Solution (Hazen 500)

Pt 500 mg/L Certipur®

Platinum Cobalt Color Standard Solution - Hazen 500 is a calibration standard for instrumental measurements, and a reference standard for visual comparison. It can also be used to prepare color reference solutions with different Hazen values.

Method of Preparation:

Hazen 500 solution consists of Potassium hexachloroplatinate and Cobalt chloride hexahydrate in hydrochloric acid. It is gravimetrically prepared under controlled environmental conditions, its manufacturing, testing, and distribution meet the quality management norm DIN EN ISO 9001:2015.

Features and Benefits:

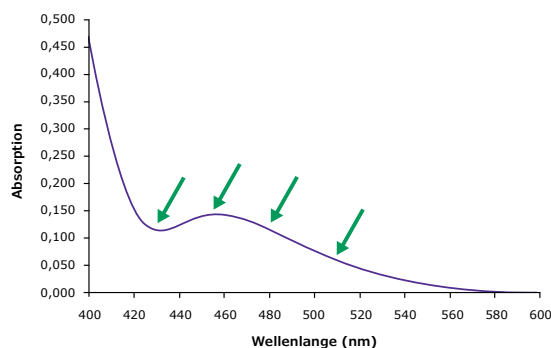
- Stable solution with a minimum shelf life of 3 years
- Accompanied by a comprehensive Certificate of Analysis
- Compliant to DIN EN ISO 7887, ASTM D 1209-05, DIN EN ISO 6271, and APHA 2120 B specifications

Specification and Device Settings:

SPECIFICATION of the absorbance tolerance limits according to ASTM D 1209-05

Specification

Wavelength [nm] (Accuracy $\pm 0,2$ nm)	Absorbance (tolerance)
430	0.110 to 0.120
455	0.130 to 0.145
480	0.105 to 0.120
510	0.055 to 0.065



Device Settings

Path length:	10 \pm 0.01 mm
Type of cell:	Rectangular Quartz cell, 10 \pm 0.01 mm
Reference:	empty beam path
Baseline:	deionised water
Measuring temp:	20 \pm 1 °C
Slit width:	1 nm \pm 0.2 nm

Material Handling:

Use immediately after decanting and discard after use.

Storage:

+15°C to +25°C tightly closed in the original container and in the dark

To place an order or receive technical assistance

In Europe, please call Customer Service:

France: 0825 045 645

Germany: 069 86798021

Italy: 848 845 645

Spain: 901 516 645 Option 1

Switzerland: 0848 645 645

United Kingdom: 0870 900 4645

For other countries across Europe,
please call: +44 (0) 115 943 0840

Or visit: [MerckMillipore.com/offices](https://www.MerckMillipore.com/offices)

For Technical Service visit: [MerckMillipore.com/techservice](https://www.MerckMillipore.com/techservice)

[MerckMillipore.com](https://www.MerckMillipore.com)

We have built a unique collection of life science brands with
unrivalled experience in supporting your scientific advancements.

Millipore® Sigma-Aldrich® Supelco® Milli-Q® SAFC® BioReliance®

Merck KGaA
Frankfurter Strasse 250
64293 Darmstadt, Germany

