

Product Specification

Product Name:

Standard Colour Solution GY (Greenish Yellow) for examination of the colour of solutions (GY1-GY7), PurCert (according to EP)

Product No.: PSR46926
Brand: PureSynth
CAS No.: NA
Molecular Formula: NA
Molecular Weight: NA

A) Standard solution

Composition (for 10 ml solution):	Volume in millilitres			
	Primary Yellow Solution	Primary Red Solution	Primary Blue Solution	Hydrochloric acid (10 g/l HCl)
	9.60 +/- 0.1%	0.20 +/- 1.3%	0.20 +/- 1.3%	0.00

Raw-materials:	Primary Yellow Solution: 45.0 +/- 0.2 mg/ml $\text{FeCl}_3 \cdot 6\text{H}_2\text{O}$
	Primary Red Solution: 59.5 +/- 0.4 mg/ml $\text{CoCl}_2 \cdot 6\text{H}_2\text{O}$
	Primary Blue Solution: 62.4 +/- 0.2 mg/ml $\text{CuSO}_4 \cdot 5\text{H}_2\text{O}$

*The reported expanded uncertainty of measurement is stated as the standard uncertainty of measurement multiplied by the coverage factor $k = 2$, which for a normal distribution corresponds to a coverage probability of approximately 95%.

This product was manufactured in accordance with the requirements of the current edition of the 2.2.2. of European Pharmacopoeia.

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B) Color Solutions GY1-GY7

Reference solution	Volumes in millilitres	
	Standard solution GY	Hydrochloric acid (10g/L HCl)
GY1	25.0	75.0
GY2	15.0	85.0
GY3	8.5	91.5
GY4	5.0	95.0
GY5	3.0	97.0
GY6	1.5	98.5
GY7	0.75	99.25

Specification: PC-1.0-QA/1141

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