

Certificate of Analysis

Reference Material & Standard

Product Name:	Pigments Mix 11	Catalogue Number:	MCFD202125-WA
Appearance:	Colourless Liquid	Lot Number:	0120-RG-0138
Solvent:	Water	Storage:	2°C ~ 8°C Protected from light and Sealed
Expiry Date:	Dec 17, 2025		
Chemical Structure:	N/A		

NO.	Component	CAS No.	Certified Concentration Value (µg/mL)	Uncertainty (%)
1	Erythrosine B	16423-68-0	100.1	3
2	New Red	220658-76-4	101.0	3
3	Allura Red Ac (E 129)	25956-17-6	100.8	3
4	Amaranth	915-67-3	100.4	3
5	Azorubin (E122)	3567-69-9	101.1	3
6	Brilliant Blue FCF	3844-45-9	100.6	3
7	Indigo Carmine	860-22-0	101.3	3
8	Ponceau 4RC	2611-82-7	100.3	3
9	Quinoline Yellow	8004-92-0	100.5	3
10	Sunset Yellow	2783-94-0	100.8	3
11	Tartrazine	1934-21-0	100.2	3

Comment:

The uncertainty values are the expanded uncertainty and represent an estimated standard deviation equal to the positive square root of the total variation of the uncertainty of components. A normal distribution is assumed and a coverage factor of $K=2$ is chosen using approximately a 95% confidence level.

Signature:

Prepared by:

Lisa

Reviewed by:

Hin Lam

Approved by General Manager:

David

Date: Jan 22, 2025

Date: Jan 22, 2025

Date: Jan 22, 2025

