

Certificate of Analysis

Reference Material

Product Name:	Food Pigments Mix 16	Catalogue Number:	MCFD201911-ME
Appearance:	Liquid	Lot Number:	0825-RD-0002
Solvent:	Methanol	Storage:	2°C ~ 8°C Protected from light and Sealed
Expiry Date:	Aug 18, 2024		
Chemical Structure:	N/A	Warning:	

NO.	Component	CAS No.	Certified Concentration Value (µg/mL)	Uncertainty (%)
1	Erythrosine B	16423-68-0	99.7	5
2	Azorubin (E122)	3567-69-9	101.2	5
3	New Red	220658-76-4	102.8	5
4	Acid Blue 3 Calcium Salt	3536-49-0	100.0	5
5	Acid Green 50	3087-16-9	99.4	5
6	Acid Red 2G	3734-67-6	98.3	5
7	Allura Red Ac (E 129)	25956-17-6	99.2	5
8	Amaranth	915-67-3	102.1	5
9	Brilliant Black Bn	2519-30-4	100.6	5
10	Brilliant Blue FCF	3844-45-9	97.6	5
11	Fast Green Fcf	2353-45-9	100.3	5
12	Indigo Carmine	860-22-0	99.8	5
13	Quinoline Yellow	8004-92-0	98.6	5
14	Sunset Yellow	2783-94-0	102.6	5
15	Tartrazine	1934-21-0	103.7	5
16	Ponceau 4RC(E124)	2611-82-7	97.8	5

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:

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Reviewed by:

Hinlam

Aporoved by General manager:

David

Date: Aug 19, 2022

Date: Aug 25, 2022

Date: Aug 25, 2022

