

Certificate of Analysis

Product Description

Product Name	Fast Green FCF 固绿 FCF
CAS NO.	2353-45-9
Molecular Formula	$C_{37}H_{34}N_2O_{10}S_3Na_2$
Molecular Weight	808.86
Package	1kg
Storage	Store desiccated at RT
Quality Release Date	02/17/2023
Recommended Retest Date	02/16/2026

Quality Control

TEST	RESULT
Appearance	Maroon powder
Identification (IR)	Conforms
Assay (on dry basis)	99.0%
Spectroscopy	Peak 624nm ratio 1.13 @609/639nm Density at peak 0.470 au
Arsenic	0.025mg/kg
Chromium	1.34mg/kg
Lead	3.0mg/kg
Solubility (1mg/ml in H ₂ O)	Passes test
Conclusion	Accords with the enterprise standard

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Thank You,
Quality Assurance