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CIN U46909GJ2025PTC164345

CERTIFICATE OF ANALYSIS

Standard product specification

Acid Orange 74 (C.I. 18745)

CAS 10127-27-2 · Fine chemical grade — assay on specification

1. PRODUCT IDENTITY

Product name	Acid Orange 74 (C.I. 18745)
C.A.S. number	10127-27-2
Grade / standard	Fine chemical grade — assay on specification
Description	Coloured powder
Product group	Synthetic Dyes
Category	Dyes & Dye Intermediates
Country of origin	India
Packing	Bags, drums, carboys, IBC or ISO tank as applicable — customer-specified packing available
Storage	Cool, dry, well-ventilated place in tightly closed original packing

2. ANALYTICAL SPECIFICATION

S. NO.	TEST PARAMETER	SPECIFICATION	TYPICAL RESULT	METHOD
1	Description	Coloured powder	Complies	Visual
2	Identification	Conforms to the structure of the substance	Complies	FTIR / Chemical test
3	Solubility	As per specification	Complies	Visual / Monograph
4	Shade	Matching approved standard	Matches standard	Visual / Spectrophotometric
5	Strength vs. Standard	100 ± 3 %	101.1 %	Spectrophotometry
6	Moisture	Not more than 5.0 % w/w	3.37	Gravimetry
7	Matter Insoluble in Water	Not more than 1.0 % w/w	0.213	Gravimetry

8	Solubility in Water at 60 °C	Not less than 80 g/L	111 g/L	In-house method
9	Light Fastness (ISO 105-B02)	Grade 5 – 6 minimum	Grade 6	ISO 105-B02
10	Wash Fastness (ISO 105-C06)	Grade 4 – 5 minimum	Grade 5	ISO 105-C06

3. DECLARATION

This document sets out the standard specification for Acid Orange 74 (C.I. 18745) and applies to all consignments of this product and grade supplied by Scapex Exports Pvt. Ltd. It is not a lot-specific release document; a lot-specific certificate carrying the analysis of the material actually shipped is issued with, and travels with, each consignment. Scapex Exports supplies against customer-specified assay limits and pharmacopoeial standards — send your specification sheet and we confirm compliance in writing before the order is accepted.

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