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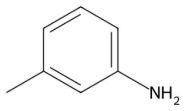
CIN U46909GJ2025PTC164345

CERTIFICATE OF ANALYSIS Standard product specification

M- Toluidine

CAS 108-44-1 · C7H9N · ≥98% Purity



STRUCTURAL FORMULA

1. PRODUCT IDENTITY

Product name	M- Toluidine
C.A.S. number	108-44-1
Molecular formula	C7H9N
Molecular weight	107.16 g/mol
Grade / standard	≥98% Purity
Description	Pale yellow liquid
Product group	Dye Intermediates
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	Pale yellow liquid	Complies	Visual
2	Identification	Conforms to the structure of the substance	Complies	FTIR / Chemical test
3	Assay	Not less than 98.0 % w/w	99.00	Spectrophotometry
4	Shade	Matching approved standard	Matches standard	Visual / Spectrophotometric
5	Strength vs. Standard	100 ± 3 %	100.8 %	Spectrophotometry

6	Moisture	Not more than 5.0 % w/w	2.77	Gravimetry
7	Matter Insoluble in Water	Not more than 1.0 % w/w	0.216	Gravimetry
8	Solubility in Water at 60 °C	Not less than 80 g/L	100 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 4	ISO 105-C06

3. DECLARATION

This document sets out the standard specification for M- Toluidine 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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