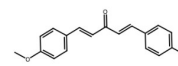


CERTIFICATE OF ANALYSIS

Standard product specification

Bis(4-methoxybenzylidene)acetone, 98+%

CAS 2051-07-2 · C₁₉H₁₈O₃ · Fine chemical grade — assay on specification


STRUCTURAL FORMULA

1. PRODUCT IDENTITY

Product name	Bis(4-methoxybenzylidene)acetone, 98+%
C.A.S. number	2051-07-2
Molecular formula	C ₁₉ H ₁₈ O ₃
Molecular weight	294.35 g/mol
Grade / standard	Fine chemical grade — assay on specification
Description	Clear colorless liquid
Product group	Laboratory Solvents
Category	Solvents & Glycols
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	Clear colorless liquid	Complies	Visual
2	Identification	Conforms to the structure of the substance	Complies	FTIR / Chemical test
3	Purity (by GC)	Not less than 99.5 % (area)	99.84	Gas Chromatography
4	Colour (APHA / Pt-Co)	Not more than 10	6	ASTM D1209
5	Water Content	Not more than 0.05 % w/w	0.0090	Karl Fischer titration

6	Acidity (as acetic acid)	Not more than 0.002 % w/w	0.0002	Titrimetry
7	Residue on Evaporation	Not more than 0.001 % w/w	0.0003	Gravimetry
8	Specific Gravity at 25 °C	0.782 – 0.788	0.7863	Pycnometry / ASTM D4052
9	Refractive Index at 20 °C	1.3568 – 1.3608	1.3582	Refractometry / ASTM D1218

3. DECLARATION

This document sets out the standard specification for Bis(4-methoxybenzylidene)acetone, 98+% 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.



Scapex Exports Pvt. Ltd. · Ahmedabad, Gujarat, India · info@scapexexports.com · +91 9925522674 — system-generated document, valid without physical signature.