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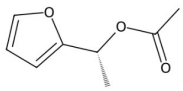
CIN U46909GJ2025PTC164345

CERTIFICATE OF ANALYSIS Standard product specification

(R)-(-)-1-(2-Furyl)ethyl acetate

CAS 113471-32-2 · C8H10O3 · 98% min.



STRUCTURAL FORMULA

1. PRODUCT IDENTITY

Product name	(R)-(-)-1-(2-Furyl)ethyl acetate
C.A.S. number	113471-32-2
Molecular formula	C8H10O3
Molecular weight	154.16 g/mol
Grade / standard	98% min.
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	Assay	Not less than 98.0 % w/w	98.67	Gas Chromatography
4	Purity (by GC)	Not less than 99.5 % (area)	99.76	Gas Chromatography
5	Colour (APHA / Pt-Co)	Not more than 10	2	ASTM D1209

6	Water Content	Not more than 0.05 % w/w	0.0067	Karl Fischer titration
7	Acidity (as acetic acid)	Not more than 0.002 % w/w	0.0004	Titrimetry
8	Residue on Evaporation	Not more than 0.001 % w/w	0.0002	Gravimetry
9	Specific Gravity at 25 °C	0.894 – 0.900	0.8972	Pycnometry / ASTM D4052
10	Refractive Index at 20 °C	1.3703 – 1.3743	1.3727	Refractometry / ASTM D1218

3. DECLARATION

This document sets out the standard specification for (R)-(-)-1-(2-Furyl)ethyl acetate 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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