

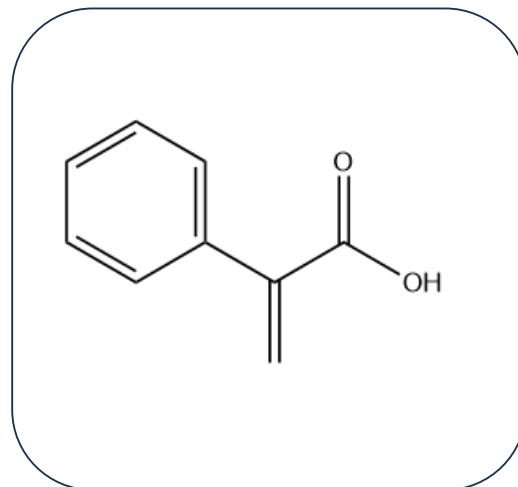
## Certificate of Analysis

**Catalogue Number**

KL-02-01281

**Lot Number**

KLAG00012

**Structure**

**Product Name**

Ipratropium EP Impurity D

**Synonyms**

2-Phenylacrylic Acid; Atropic Acid

**CAS Number**

492-38-6

**Molecular Formula**
 $C_9H_8O_2$ 
**Molecular Weight**

148.16 g/mol

**Mfg. Date**

12-08-2025

**Re-Test Date**

11-08-2030

**Shipping Condition**

All Product are stable to be shipped at room temperature, unless otherwise specified.

**Long Term Storage Conditions**

2°C ~ 8°C Protected from light and Sealed

**Analytical Information**

Test	Specifications	Results
Appearance	White to Off-White Solid	White to Off-White Solid
Solubility	Soluble in DMSO, MeOH	in DMSO, MeOH
Purity by HPLC	Not less than 90.00%	97.79%
Identification by $^1H$ NMR	Conforms to structure	Complies
Identification by Mass	Conforms Molecular Weight	Complies
Identification by IR	Conform functional groups	Complies
Weight Content By TGA	Not specified	0.207%
Residue of Ignition By TGA	Not specified	0.00%
Potency by TGA	Not specified	97.58%


 Approved By B Kishore

Note: Use for research &amp; analytical purpose only. Not for human consumption