



INDOFINE Chemical Company, Inc.

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H P L C

Batch: 11

BUTEIN

021103S

IDENTIFICATION

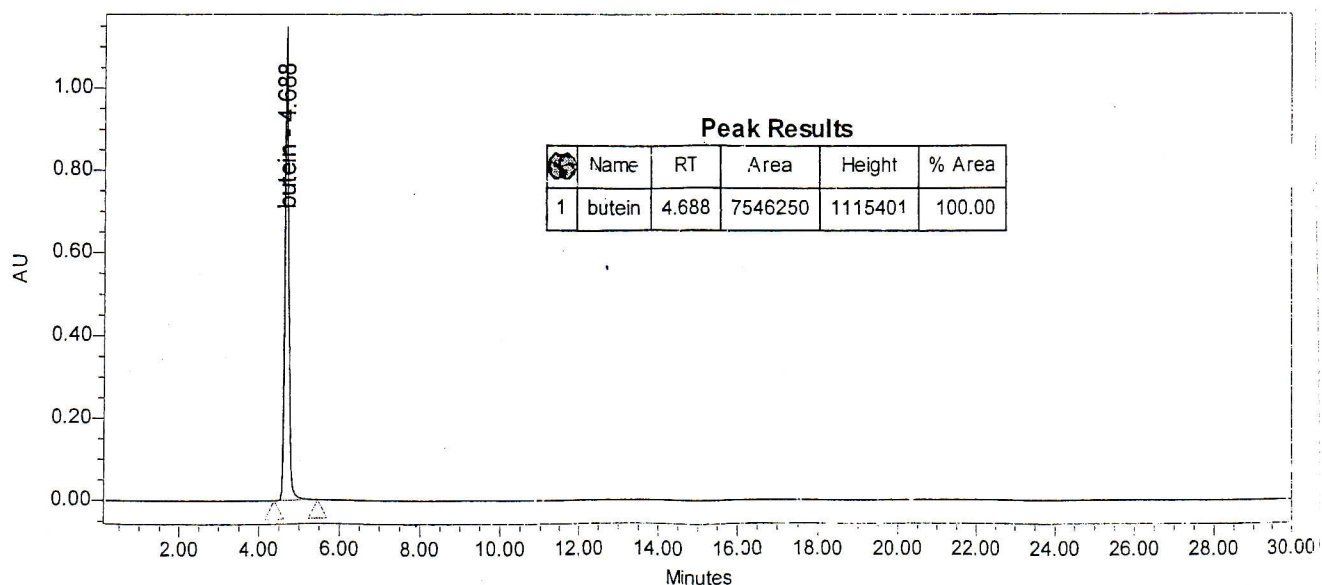
CAS number	[21849-70-7]
Chemical family	Flavonoids
Chemical names	2', 4', 3, 4-Tetrahydroxychalcone
Molecular formula	C ₁₅ H ₁₂ O ₅
Molecular weight	272.257

CERTIFICATE OF ANALYSIS

Appearance	Yellow powder
Melting point	228-229°C dec.
Thin layer chromatography	support Silicagel solvent Toluene /Methylethylketone/Methanol (4/3/3 , V/V/V) detection Visible
Moisture	0.8 % .
Absorption maxima	(243.5)sh, 261.5, (306.5)sh, 379 nm in methanol.
Storage	Store at room temperature in a dry and dark place. Place in a desiccator under vacuum for 48 hours before use

HIGH PERFORMANCE LIQUID CHROMATOGRAPHY

Column	Symmetry Shield RP18® (4.6 x 150 mm), particle size 3.5 µm
Solvent	Water / Acetonitrile (55/45 , V/V)
Flow rate	1 ml/mn
Detector	UV visible 380 nm
Sample solvent	Mobile phase



Product no-certified. Assay by an HPLC method.

Date of last QC-recheck : 08/03/04

The values given on the 'Certificate of Analysis' are the results determined at the time of analysis.