

ICC **INDOFINE Chemical Company, Inc.**

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CERTIFICATE OF ANALYSIS

Catalog Number: 021120S

Product Name: **ISORHAMNETIN with HPLC**
(3,5,7,4'-Tetrahydroxy-3'-methoxyflavone)

Cas Number: [480-19-3]

Lot Number: 1901181

Chemical Formula: C₁₆H₁₂O₇

Molecular Weight: 316.27

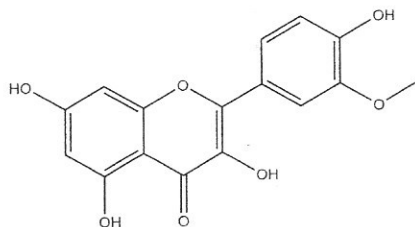
Appearance: Yellow powder

Solubility: Soluble in DMSO

Loss on drying: 0.73%

Storage: Store at 2-8°C. Protect from light.

Purity(HPLC): 99.22%



Prepared by:
Ramesh Mandadi
Ramesh Mandadi
Director of Operations

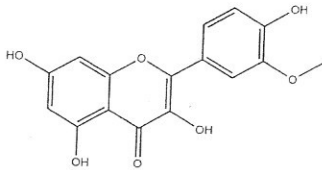
Reviewed and approved by:
Sujata Moton
S. Moton
VP



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HPLC ANALYSIS

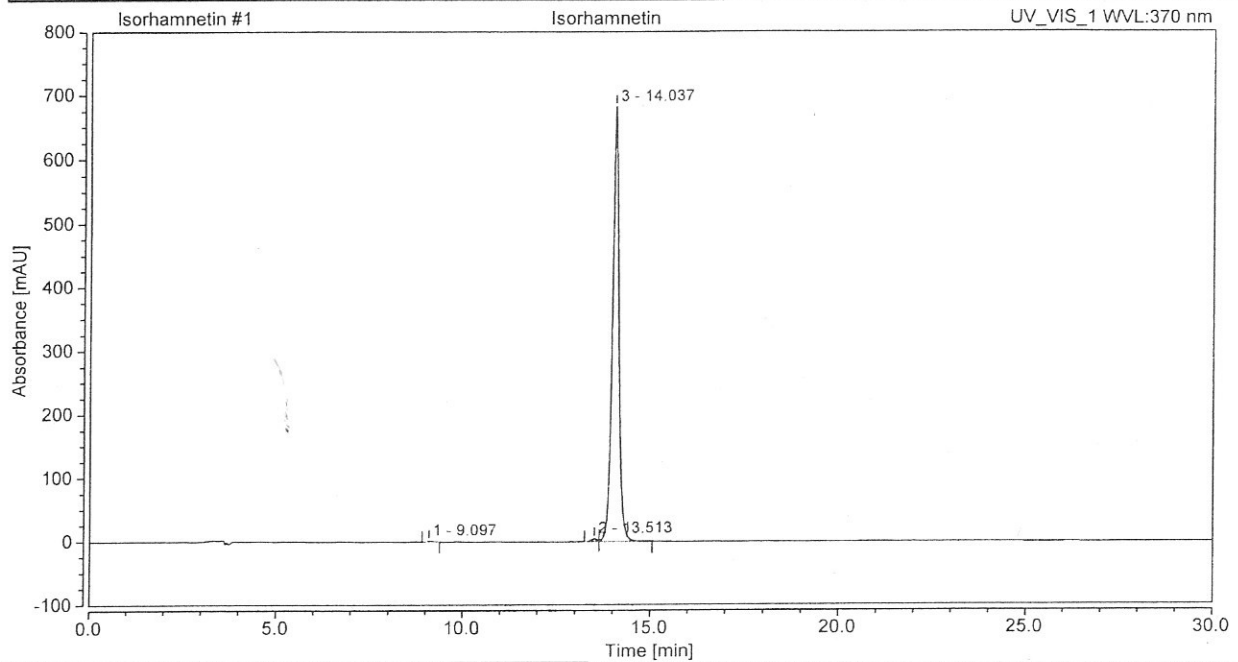


Catalog No.: 021120S
Product Name: Isorhamnetin
Lot No.: 1901181

Injection Details

Injection Name:	Isorhamnetin	Run Time (min):	30.00
Vial Number:	RA8	Injection Volume:	10.00
Injection Type:	Unknown	Channel:	UV_VIS_1
Calibration Level:		Wavelength:	370
Instrument Method:	Isorhamnetin	Bandwidth:	4
Processing Method:	Isorhamnetin	Dilution Factor:	1.0000
		Sample Weight:	1.0000

Chromatogram



Integration Results

No.	Retention Time min	Area mAU*min	Height mAU	Relative Area %	Plates (USP)	Resolution (USP)	Asymmetry
1	9.097	0.243	1.405	0.18	24157	16.98	1.31
2	13.513	0.813	4.651	0.60	35690	1.82	n.a.
3	14.037	133.547	682.575	99.22	37542	n.a.	1.09
Total:		134.603	688.631	100.00			0.00

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