

Certificate of Analysis

Posaconazole formate

Product Number	PSR42109	CAS No.	2069239-68-3
Brand	PureSynth	Lot No.	P42109SK1023
Molecular Formula	C ₃₈ H ₄₂ F ₂ N ₈ O ₅	Date of Mfg.	Oct.2023
Molecular Weight	728.79 g/mol	Date of Exp.	Sep.2027

Test	Specification	Result
Description	White Solid	White Solid
Assay (HPLC)	≥ 98.0 %	98.08 %
Identification by ¹ H NMR	Conforms to structure	Conforms
Identification by MS	Conforms to molecular mass	Conforms
Identification by IR	Conforms to structure	Conforms

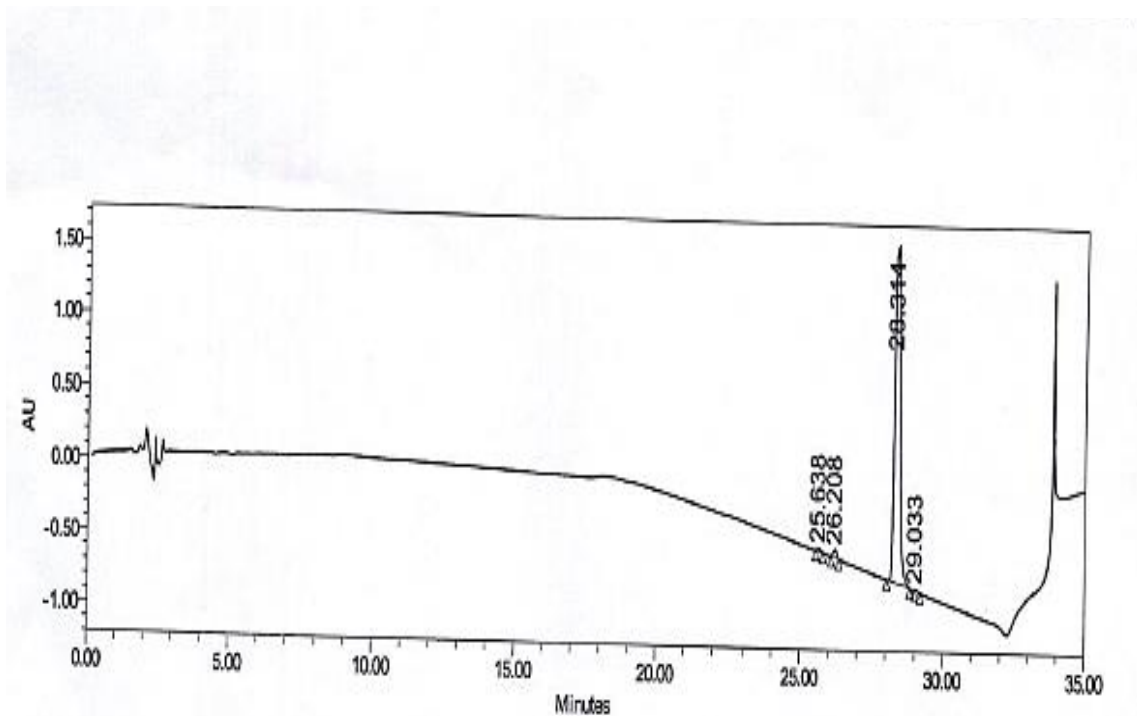
Storage Condition: Store at a temperature of 2-8°C and keep the container tightly closed.

Remark: The batch complies with the prescribed quality of the above specification.

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Assay by HPLC



	RT	Area	% Area	Height
1	25.638	153263	0.49	18508
2	26.208	400907	1.29	54201
3	28.314	30550452	98.08	2327129
4	29.033	42354	0.14	5889

Purity by HPLC: 98.08 %

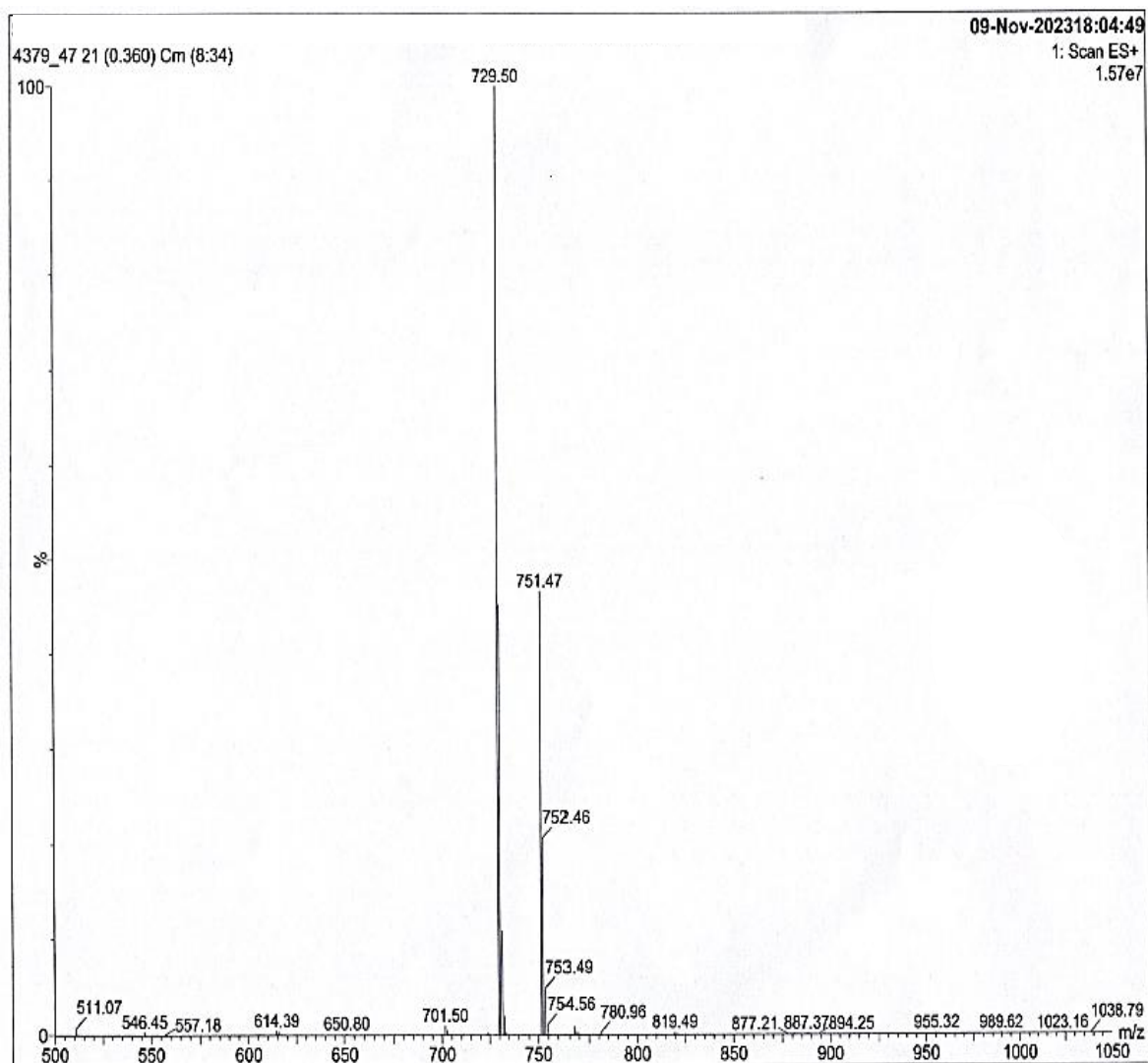
IDENTIFICATION TESTS

MS Spectrum:

Mass by MS:

Product Name: Posaconazole formate

Product Code: PSR42109



Identification by MS: Conforms to molecular mass

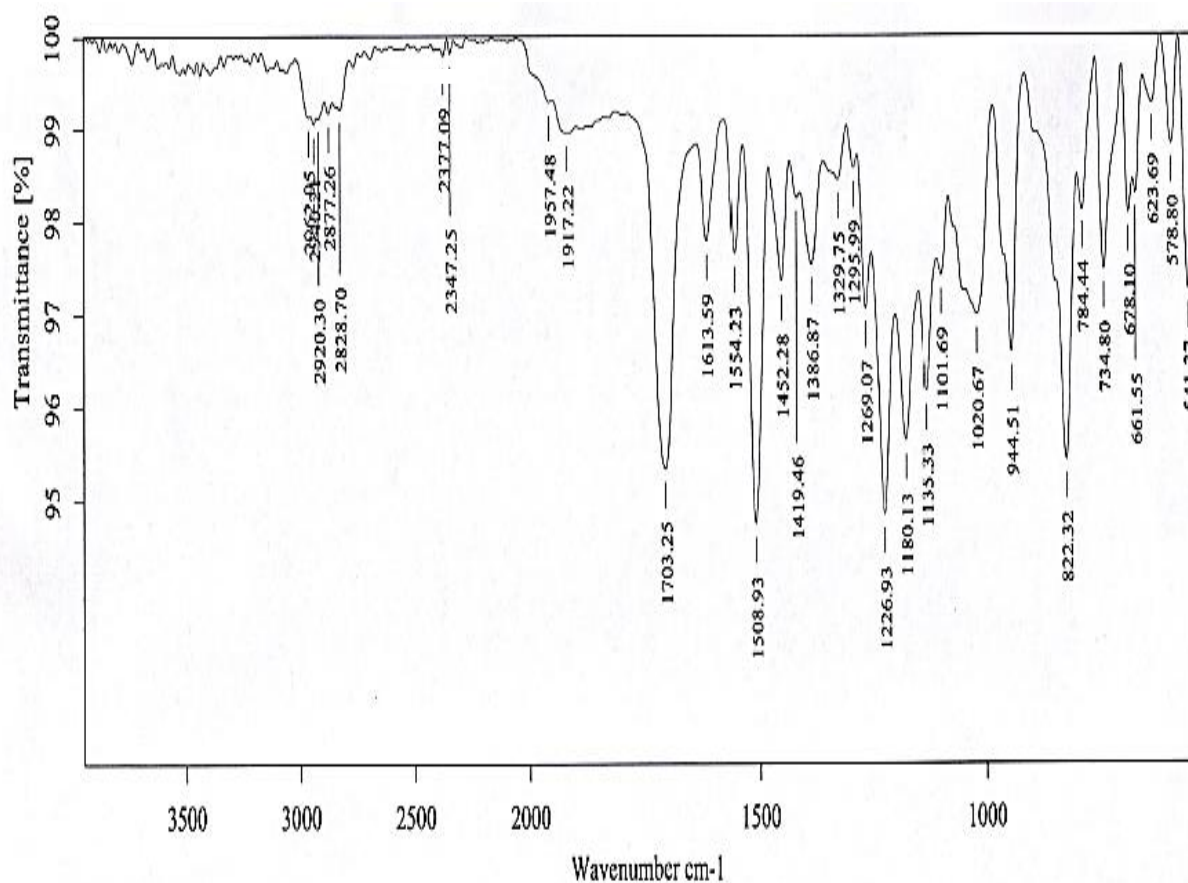
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Infrared spectrum:

Product Name: Posaconazole formate

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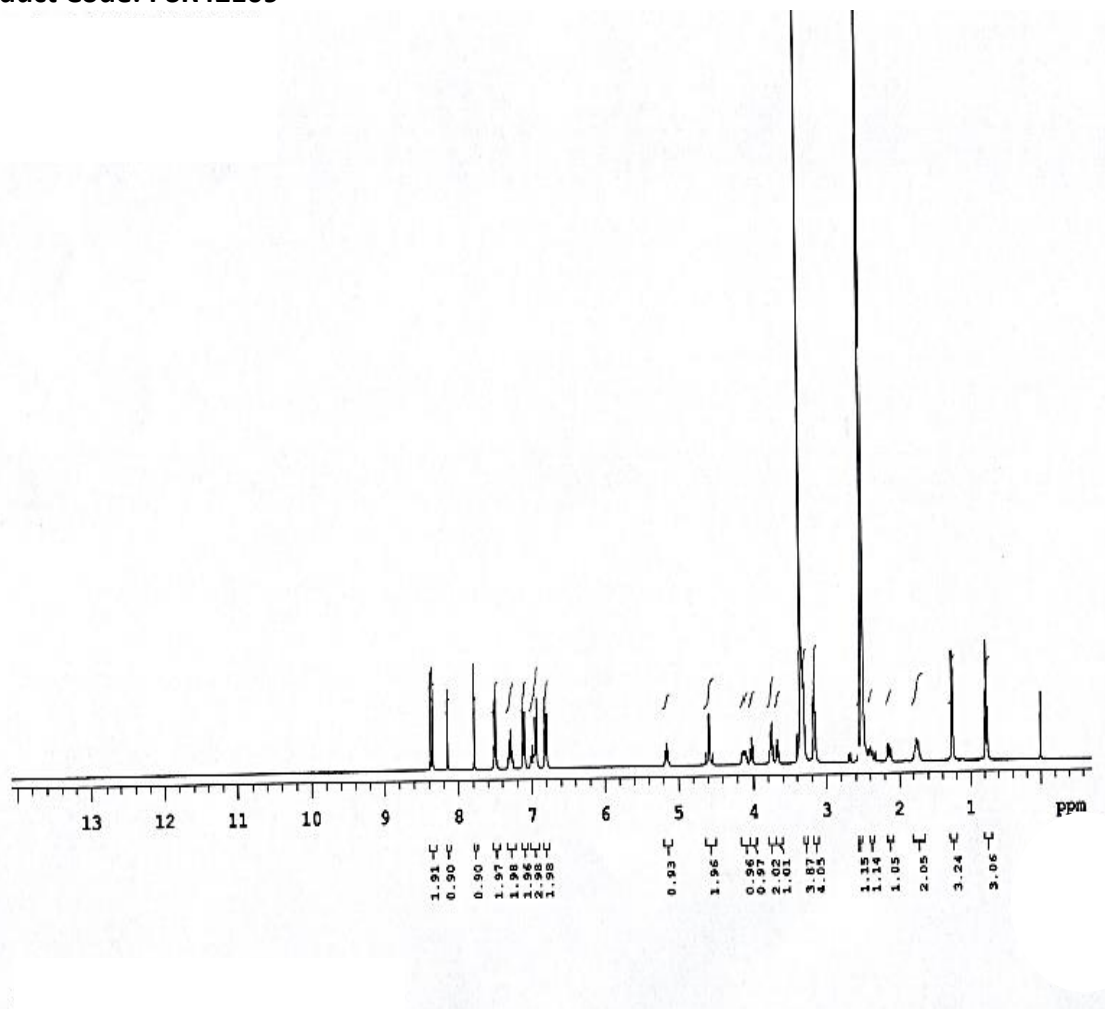


Identification by IR: Conforms to structure

¹H NMR Spectrum:

Product Name: Posaconazole formate

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Identification by ¹H NMR: Conforms to structure

Approved By
Head - Technical

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