



QUALITY



COMPLIANCE

***Your trusted partner for
Reference Standards,
Synthetics & Analytics***



AGILE

Our Accreditations



Pharmaffiliates Analytics & Synthetics (P) Ltd., a GLP compliant Contract Research and Development Organization (CRDO) offers expertise in Chemical synthesis, Analytical research & development, Pharmaceutical & Non-Pharmaceutical standards with inventory of more than 10,000 compounds. Our mission is to strengthen the efforts of drug developers by providing agile analytical services at cost effective budgets.

EXPERTISE & CAPACITY

SYNTHETICS

- **Pharmaceutical standards**
Reference materials
Impurities
Metabolites
Stable Isotopes
- **Non-Pharmaceutical standards**
Pesticide
Phytochemical
Environmental
Food & beverages
Petrochemical
NMR solvents
GC standards
Glucuronides
- **Synthesis of Novel compounds from mg to kg quantities**
Chiral compounds



ANALYTICS

- CMC* Analytical services
- Method development
- Method transfer & verification
- Method validation
- Stability studies
- Finished product testing
- Elemental impurities
- Forced degradation studies
- Structure identification
- Compendial testing
- Isolation, Identification and Characterisation of unknown impurities

CRAMS

- Contract Research and Manufacturing Services
- FTE based projects
- FFS based projects
- Process development
- Contract Manufacturing from mg to kg quantities
- Contract research



Pharmaffiliates Analytics & Synthetics (P) Ltd. facilities are located in own 42000+ sq. ft. area, offering expertise of 130+ highly qualified scientific personnel.

IR

MASS

Pharmaffiliates
An ISO 17025:2005 Certified Company

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Certificate of Analysis

Product Name : 2-Hydroxy-4,6-dimethyl Pyrimidine CAS No. : 108-79-2
Synonyms : 4,6-Dimethylpyrimidin-2-ol; 2-Hydroxy-4,6-dimethylpyrimidine; 4,6-Dimethyl-2-hydroxypyrimidine; 4,6-Dimethyl-2-pyrimidinol
Catalogue No. : PA-ARN-0210201
Lot No. :
Chemical Formula : Cc1c(C)c(O)ncc1
Molecular Weight : 124.14
Shipping & Storage Condition : Ambient temperature in dark condition for shipping. 2°C to 8°C for Long term storage in dark place.

S. No.	Test	Result	Specification
1.	Description	Pale yellow crystalline powder	White to light red to green powder to crystals
2.	Identification i) By IR ii) By NMR iii) By MS	Conforms Conforms Conforms	To conform to structure To conform to structure To conform to structure
3.	LOD (% w/w)	0.35	NLT 99
4.	Residue on Ignition (% w/w)	100.0	-
5.	Chromatographic Purity (% by HPLC)	99.3	-
6.	Assay (% w/w) on as is basis	99.3	-

Caution: Do not dry the material. Use as such. Only for analytical purpose, not for human consumption.

Date of Release: 07 May 2021
Retest Date: 06 May 2024
Deadline for quality complaints: Within three months of invoice date.

Attachments: IR, NMR, MS Spectra, TGA Thermogram, UPLC Chromatogram
Date of Issue: 10 May 2021

Authorized signatory:
(Lalitinder Singh)
Lab. Certifier

12039
Version: 04

NMR

HPLC

Overview of our technology based services and quality standards

- 65000 research compounds
- Products supplied with full characterization data HPLC, IR, MS, NMR
- ¹³C NMR, CHNS, qNMR & TGA on request
- 95% Purity for most of the compounds
- Library synthesis for research projects
- Serving customers in more than 75 countries
- Labs & Offices in USA, Canada, UAE, Europe & India



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