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### CERTIFICATE OF ANALYSIS

Analysis Date:

Re-test Date:

**Product Name: 1-Acetyl-4-(4-hydroxyphenyl)piperazine**

#### Identification:

Chemical Name: 1-(4-(4-Hydroxyphenyl)piperazin-1-yl)ethan-1-one

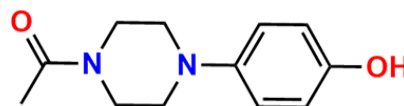
Synonyms: : Ketoconazole Impurity 11

CAS Number: : 67914-60-7

CAT Number: : CP-K2006

Molecular Formula: : C<sub>12</sub>H<sub>16</sub>N<sub>2</sub>O<sub>2</sub>

Molecular Weight: : 220.27



#### Analytical Information:

Sr. No.	Test	Result
1)	Description	Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	>95%
5)	H1NMR	Confirm to structure

#### Prepared and Reviewed By

#### Approved By



Ms Priyanka Salunkhe  
(Manager QC Analytical)

Ms Rohini Gagare  
(QA Head)

Note: Product supplied by Chemicea are for R&D purpose only and not for human consumptions.