

# CERTIFICATE OF ANALYSIS

(Certificate No. KMP003005-03)

Release Date: 17/02/2025

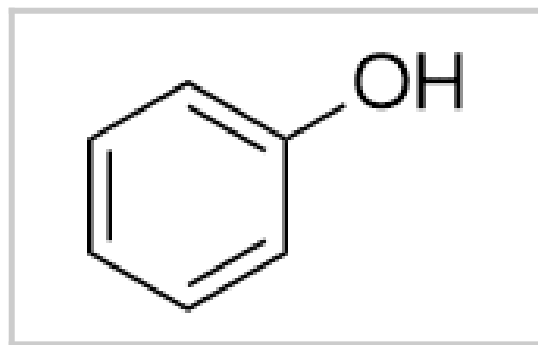
Re-test Date: 16/02/2028

## PIPRC-4

### Identification

**Chemical Name :**  
phenol

**Alt. Name** : phenol  
**CAT No.** : KMP003005  
**CAS No.** : 108-95-2  
**Molecular Formula** : C<sub>6</sub>H<sub>6</sub>O  
**Molecular Weight** : 94.11



### Analytical Information

<b>Batch No.</b>	: PIR-PHENOL-08-171	<b>Solubility</b>	: Acetonitrile
<b>Description</b>	: Low melting colourless crystals	<b>Mass</b>	: Confirm
<b>HPLC Purity</b>	: 99.66 %	<b>IR</b>	: Confirm
<b>Weight Loss By TGA</b>	: 1.13 %	<b><sup>1</sup>H NMR</b>	: Confirm
<b>% Potency</b>	: 98.53 %		

### Additional Information

**Long Term Storage** : Store at 2-8 deg. C for long term storage

**Shipping Condition** : Product is stable to be shipped at room temperature

**% Potency** = [100 - 1.13(Weight Loss By TGA)] x [99.66(HPLC Purity)]/100 = 98.53 %  
-Re-tested on 17.02.2025

**Recommendation** : Released

	<b>Department</b>	<b>Name</b>	<b>Signature</b>	<b>Date</b>
<b>Prepared By</b>	Analytical	Parag Patel		20/02/2025
<b>Reviewed &amp; Approved By</b>	Quality Control	Jatin Patel		20/02/2025

**Attachments** : COA, HPLC, MASS, <sup>1</sup>HNMR, IR and TGA