

## CERTIFICATE OF ANALYSIS

**PRODUCT NAME : QUININE SULPHATE AR**

<b>CAS No</b>	: 6119-20-6	<b>Product code</b>	: 25210
<b>Mol. Formula</b>	: (C <sub>20</sub> H <sub>24</sub> N <sub>2</sub> O <sub>2</sub> ) <sub>2</sub> .H <sub>2</sub> SO <sub>4</sub> .2H <sub>2</sub> O	<b>Batch No.</b>	: MCAR-01057
<b>Mol. WT</b>	: 782.96	<b>Mfd.</b>	: Jan. 2025
<b>Date of analysis</b>	: 04/01/25	<b>Exp.</b>	: Dec. 2029

S.R	Test	Specification	Observation
1	<b>Description</b>	White to almost white powder or crystalline powder or needles.	White powder
2	<b>Assay</b>	99.5% min	99.56%
3	<b>pH (1% suspension in water)</b>	5.7 - 6.5	6.48
4	<b>Loss on drying (105<sup>0</sup>C,3 hours)</b>	3.5 – 4.5	4.37
5	<b>Residue on ignition</b>	max.0.005%	0.002%

**REMARK:** THE PRODUCT COMPLIES WITH THE ABOVE SPECIFICATIONS

**[Tested By]**



**CHEMIST  
(Shruti)**

**[QC Incharge]**



**HEAD-QUALITY ASSURANCE  
(G.G.Salian)**

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