

## CERTIFICATE OF ANALYSIS

**PRODUCT NAME : CAFFEINE PURE (ANHYDROUS)**

<b>CAS No</b>	: 58-08-2	<b>Product code</b>	: 13160
<b>Mol. Formula</b>	: C <sub>8</sub> H <sub>10</sub> N <sub>4</sub> O <sub>2</sub>	<b>Batch No</b>	: MCR-33613
<b>Mol. WT</b>	: 194.20	<b>Mfd.</b>	: April 2025
<b>Date of analysis</b>	: 03/04/25	<b>Exp.</b>	: March 2030

S.R	Test	Specification	Observation
1	<b>Description</b>	White to almost white powder	White powder
2	<b>Assay</b>	98 % w/w min	99.90%
3	<b>Melting point</b>	235 - 238 <sup>0</sup> C	236.9 <sup>0</sup> C
4	<b>Loss at 80<sup>0</sup> C for 4 hrs</b>	0.5 % max	0.17%

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

**[Tested By]**



**CHEMIST  
(Sayli)**



**[QC Incharge]**



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

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