

## CERTIFICATE OF ANALYSIS


**PRODUCT NAME : HYDROXY NAPHTHOL BLUE**

<b>CAS No</b>	: 63451-35-4	<b>Product code</b>	: 31848
<b>Mol. Formula</b>	: C <sub>20</sub> H <sub>11</sub> N <sub>2</sub> Na <sub>3</sub> O <sub>11</sub> S <sub>3</sub>	<b>Batch No.</b>	: MCR-33278
<b>Mol. WT</b>	: 620.48	<b>Mfd.</b>	: Feb. 2025
<b>Date of analysis</b>	: 20/02/25	<b>Exp.</b>	: Jan. 2030

S.R	Test	Specification	Observation
1	<b>Description</b>	Dark blue to purple or blackish red, green or black powder.	Black powder.
2	<b>Absorptivity (A 1% cm,pH 12.0 on dried substance, at λ max. 646 nm)</b>	300 min	305.6
3	<b>Suitability as calcium indicator</b>	Passes test	Passes test
4	<b>Loss on drying (at 105<sup>0</sup>C)</b>	5% max	1.87%

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

**[Tested By]**



**CHEMIST  
(Sonu)**



**[QC Incharge]**



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

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