

## CERTIFICATE OF ANALYSIS

**PRODUCT NAME : XYLENOL ORANGE AR**

<b>CAS No</b>	: 3618-43-7	<b>Product code</b>	: 26860
<b>Mol. Formula</b>	: C <sub>31</sub> H <sub>28</sub> N <sub>2</sub> O <sub>13</sub> SNa <sub>4</sub>	<b>Batch No</b>	: MCR-31830-01
<b>Mol. WT</b>	: 760.59	<b>Mfd.</b>	: April 2025
<b>Date of Analysis</b>	: 18/04/25	<b>Exp.</b>	: March 2030

S.R	Test	Specification	Observation
1	<b>Description</b>	Red-brown to dark brown colour powder or crystalline powder.	Brown colour crystalline powder.
2	<b>Absorption maxima</b>	575 – 580 nm	578.00 nm
3	<b>Absorptivity (0.1 N NaOH) (A 1% in 1 cm)</b>	550 min.	618.5
4	<b>Suitability as metal indicator</b>	Passes test	Passes test
5	<b>Loss on drying at 110<sup>o</sup> C</b>	7 % max	5.27%
6	<b>Sulphated ash</b>	45 % max	44.0%

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

**[Tested By]**



**CHEMIST  
(Deepa)**



**[QC Incharge]**



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

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