

## CERTIFICATE OF ANALYSIS

**PRODUCT NAME : DIMIDIUM BROMIDE**

<b>CAS No</b>	: 518-67-2	<b>Product code</b>	: 14189
<b>Mol. Formula</b>	: C <sub>20</sub> H <sub>18</sub> BrN <sub>3</sub>	<b>Batch No</b>	: MCR-29328
<b>Mol. WT</b>	: 380.30	<b>Mfd.</b>	: Sept. 2023
<b>Date of analysis</b>	: 25/09/23	<b>Exp.</b>	: Aug. 2028

S.R	Test	Specification	Observation
1	<b>Description</b>	Dark red crystals, maroon coloured powder or crystalline powder.	Dark maroon powder.
2	<b>Assay (On dry basis)</b>	98% min	99.34%
3	<b>Absorption maxima (in Methanol)</b>	523 to 528 nm	523.8nm
4	<b>Specific Absorptivity A 1%/ 1cm λ max (0.0005% in methanol) (on dry basis)</b>	155 - 175	169.4
5	<b>Loss on Drying (110<sup>0</sup>C)</b>	5% max.	1.48%

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

**[Tested By]**

**[QC Incharge]**

**CHEMIST  
(Deepa)**

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

**Note:** Computer generated image requires no sign.

**MOLYCHEM H.Q. :** Maker Tower 'E', 41-A2, 4th Floor, Above Maker Arcade, Cuffe Parade, Mumbai 400 005 (INDIA)

Tel. : +91 22 4066 8111 • Email: [info@molychem.net](mailto:info@molychem.net) • Web: [www.molychem.net](http://www.molychem.net)

Reg. Office : 78/80 Babu Genu Road, Souri Bldg., 2nd Floor, Mumbai - 400 002 (INDIA)

Works : Unit I - Plot No. B/9, Unit II - Plot No. B/11, Badlapur M.I.D.C., Opp. Shobhavat Textile Co., Kulgaon, Badlapur (E), Dist.-Thane-421 503.