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## Certificate of Analysis

<b>Product</b>	<b>54423 - Tetrabutylammonium Bromide (TBAB) for HPLC, 99.5% - [1643-19-2]</b>
<b>Batch No</b>	<b>9977301</b>
<b>Analysis Date</b>	28-May-2024
<b>Date of Manufacture</b>	May 2024
<b>Expiry Date/Re-Test Date</b>	May 2029
<b>Molecular Formula</b>	C <sub>16</sub> H <sub>36</sub> BrN
<b>Molecular Weight</b>	322.37

Test Parameters	Standards	Actual Results
Appearance (Colour)	White	White
Appearance (Form)	Crystalline powder	Crystalline powder
Solubility (Turbidity) 10% aq. solution	Clear	Clear
Solubility (Colour) 10% aq. solution	Colourless	Colourless
Assay (ex.Br)	min. 99.5%	99.5%
Melting Point	102 - 103°C	103°C
Water (KF)	max. 0.5%	0.3%
Sulphated Ash	max. 0.05%	0.01%
Absorbance (A) of 10% aq. solution in a 1cm cell v/s H <sub>2</sub> O		
@240nm	max. 0.04	0.0152
@250nm	max. 0.03	0.0042
@260nm	max. 0.02	0.0040
@500nm	max. 0.02	0.0038

FRM/82/11/4/54423 Rev No. 2 Date 05/07/2022

Prepared by Dnyaneshwar

In compliance with the standard specifications of SRL

Plant Site 2 : H-4, MIDC, Taloja – 410 208, Maharashtra, India

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