

**CERTIFICATE OF ANALYSIS**

<b>Product Name</b>	Tetra Butyl Ammonium Hydroxide 0.1M in Methanol / 2-propanol(1:1)		
<b>Synonyms</b>	<i>N,N,N</i> -Tributyl-1-butanaminium hydroxide, TBAOH,		
<b>CAS No</b>	2052-49-5		
<b>Product code</b>	SY00308	<b>Batch No</b>	LTEBF0604
<b>Molecular Formula</b>	C <sub>16</sub> H <sub>37</sub> NO	<b>Molecular Weight</b>	259.48
<b>Mfg. Date</b>	Jun-26	<b>Expiry Date</b>	May-28
<b>Storage Conditions</b>	Store at room temperature, tightly closed container		

Test	Specification	Results
<b>Appearance</b>	Clear Colourless to slight yellow liquid	Clear Colourless to slight yellow liquid
<b>Assay by Titration</b>	0.095- 0.105 M	0.102 M
<b>Specific Gravity</b>	0.93 – 0.95	0.93
<b>Sodium (Na)</b>	<20 PPM	20 PPM
<b>Potassium(K)</b>	<10 PPM	5 PPM
<b>Bromide (Br)</b>	<1000 PPM	450 PPM
<b>Carbonate</b>	<2000 PPM	350 PPM
<b>Colour (APHA)</b>	< 50	< 50

**Approved by**  
Dr. Gopinath PH. D

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