

## CERTIFICATE OF ANALYSIS

PRODUCT NAME: Tetrabutylammonium hydroxide, ~ 25% in H<sub>2</sub>O

ITEM NUMBER: T105044  
BRAND: Aladdin  
CAS NUMBER: 2052-49-5  
MDL NUMBER: MFCD00009425  
FORMULA: C<sub>16</sub>H<sub>37</sub>NO  
MOLECULAR WEIGHT: 259.47

TEST	SPECIFICATION		TARGET VALUE
	MIN.	MAX.	
Appearance	Colorless to light yellow liquid		
Concentration(Titration by HCl)	24.5 %	25.5 %	25.5 %
Infrared spectrum	Conforms to Structure		
Proton NMR spectrum	Conforms to Structure		