

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Specification Sheet

Product Name: **Imidazole**
Specifications & Purity: For pharmaceutical intermediates, ACS
SKU #: **I432546**

Parameter	Limit Values
Appearance(I432546)	White to Yellowish Solid
Assay(Titration by HClO ₄)	99-102.5 (%)
Infrared spectrum	Conforms to Structure
pH	9.5-11
Melting point	88-92 (°C)
Chloride	0-0.05 (%)
Sulfate(SO ₄ ²⁻)	0-0.03 (%)
Iron(Fe)	0-10 (ppm)
Residue on Ignition	0-0.1 (%)
Water(KF,volumetric)	0-0.2 (%)
1-Methylimidazole	0-0.3 (%)
2-Methylimidazole	0-0.3 (%)
4-Methylimidazole	0-0.3 (%)
1-Methoxymethylimidazole	0-0.3 (%)
Bacterial endotoxins	0-100 (EU/g)
Microbial Count(TAMC)	0-100 (cfu/ml)
Microbial Count(TYMC)	0-100 (cfu/ml)
Ethanol	0-1500 (ppm)
2-Propanol	0-500 (ppm)
tert-Butyl methyl ether	0-4000 (ppm)