



PRODUCT SPECIFICATION

Product : **Amprolium HCL**

Appearance	:	Clean, white to yellow powder
Identification IR	:	Passes test (USP, BP)
Identification UV	:	- Absorptivities at 246 nm (calculated on dried basis) do not differ by more Than 3.0 % (USP) - At 246 nm absorbance about 0.84 and at 262 nm absorbance about 0.80 (BP)
Identification Chlorides	:	Passes test (BP)
Identification Naphtalene diol	:	Deep violet colour / passes test (BP)
Thin layer chromatography	:	Passes test
Assay – HPLC (dry basis)	:	97.5 – 101.0 % (USP)
Assay – Titration (dry basis)	:	97.5 – 101.0 % (BP)
Impurities: a-Picoline	:	Absorbance at 262 nm \leq 0.52 (BP)
Total volatile alkalies	:	Max. 1.0 %
Loss on drying	:	Max. 1.0 % (USP, BP)
Surface active agent	:	Max. 0.025 %
Residue on ignition/Sulphated ash:	:	Max. 0.1 % (BP)
Microscopic examination	:	Passes test
Absence of extraneous matter	:	Passes test
Solubility	:	Freely soluble in water
Organic volatile impurity-GC	:	
- o-Xylene	:	Max. 50 ppm
- m-Xylene	:	Max. 50 ppm
- p-Xylene	:	Max 50 ppm
- Isopropanol	:	Max. 200 ppm
MSDS	:	available upon request