

IMPCA REFERENCE SPECIFICATIONS

TEST		UNIT	METHOD	LIMITS
1	Appearance		IMPCA 003-98	Clear and free of suspended matter
2	Purity on dry basis	% W/W	IMPCA 001-14	Min 99.85
3	Acetone	mg/kg	IMPCA 001-14	Max 30
4	Ethanol	mg/kg	IMPCA 001-14	Max 50
5	Colour	Pt-Co	ASTM D1209-11	Max 5
6	Water	% W/W	ASTM E1064-12	Max 0.100
7	Distillation Range at 760 mm Hg	°C	ASTM D1078-11	Max 1.0 to include 64.6° +/- 0.1°
8	Specific Gravity 20°/20°		ASTM D4052-11	0.7910-0.7930
9	Potassium Permanganate Time test at 15 °C	minutes	ASTM D1363-11	Min 60
10	Chloride as Cl ⁻	mg/kg	IMPCA 002-98	Max 0.5
11	Sulphur	mg/kg	ASTM D 3961-98	Max 0.5
	Note 1, page 3	mg/kg	ASTM D 5453-12	Max 0.5
12	Hydrocarbons		ASTM D 1722-09	Pass test
13	Carbonisable Substances (Sulfuric Acid Wash Test)	Pt-Co	ASTM E 346-08	Max 30
14	Acidity as Acetic acid	mg/kg	ASTM D 1613-12	Max 30
15	Iron in solution	mg/kg	ASTM E 394-09	Max 0.10
16	Non Volatile Matter	mg/1000ml	ASTM D 1353-13	Max 8
17	TMA	Note 2, page 3	optional (see notes for recommended methods)	
18	AROMATICS	Note 2, page 3	optional (see notes for recommended methods)	