

Indorama Petrochem

Purified terephthalic acid specifications

Parameter	Test method	Unit	Specification
Appearance	IRPL-WI-QCD-001	-	White free flowing crystalline powder free from visible contamination
Acid Number	IRPL-WI-QCD-101	mg KOH/g	675 +/- 2
4-Carboxybenzaldehyde	IRPL-WI-QCD-121	ppm	25 max
Paratoluic Acid	IRPL-WI-QCD-121	ppm	170 max
b colour	IRPL-WI-QCD-104	-	0.8 +/-0.4
Total Significant Metals (Co, Cr, Mn, Mo, Ni, Ti)	IRPL-WI-QCD-123	ppm	4 max
Fe (Iron)	IRPL-WI-QCD-123	ppm	1 max
Ash	IRPL-WI-QCD-102	ppm	6 max
Moisture	IRPL-WI-QCD-114	% w/w	0.15 max
Color in 2N KOH solution	IRPL-WI-QCD-103	Hazen Units	10 max
Millipore	IRPL-WI-QCD-106	-	0.90 min
Median Particle Size (Lazer Particle Size Analyzer)	IRPL-WI-QCD-111	microns	105 +/- 20