

## PURIFIED TEREPHTHALIC ACID

Spec. 2477-012-00209421-2003 w/Amendments 1-4

<b>Quality characteristics</b>	<b>Specification</b>
1 Appearance	White crystalline powder
2 Color, Hazen unit	10 Max
3 Color index b	2.5 Max
4 Acid number, mg KOH/g of product	from 673 to 677 inclusive
5 4-Carboxybenzaldehyde content, $\mu\text{g/g}$	25 Max
6 para-Toluic acid content, $\mu\text{g/g}$	150 Max
7 Benzoic acid content, $\mu\text{g/g}$	100 Max
8 Water content, %	0.2 Max
9 Ash content, $\mu\text{g/g}$	10 Max
10 Metals content*, $\mu\text{g/g}$ - Fe, Mo, Cr, Ni, Mn, Co, Ti - Mg, Ca, Na, K, Al	3 Max 10 Max
11 Iron content, $\mu\text{g/g}$	2 Max
12 Particle size distribution, % - under 40 $\mu\text{m}$ - over 250 $\mu\text{m}$	30 Max 18 Max

\* At the customer's request.