

CERTIFICATE OF ANALYSIS

DATE : June 19, 2021

To whom it may concern,

Item	Description	Product Specification	Testing Result (typical)
1	Acid number (mg KOH/gm)	675±2	675.9
2	4-CBA (ppm w/w)	max. 25	16.7
3	P-Toluic acid (ppm w/w)	max. 150	134.7
4	Water (pct w/w)	max. 0.20%	0.11
5	B(COLOUR)	0.7~1.2	0.91
6	Ash (ppm w/w)	max. 8	2.0
7	Fe	max. 1.0	0.10
8	Total heavy metals	max. 5	1.2
9	Chroma	max. 3	1.6
10	Average particle size	130~155	142

We manufacturer hereby certify that the above is true and correct.

COMMODITY NAME: PURIFIED TEREPHTHALIC ACID (PTA)

MANAGER