

**Qichen Energy-Saving Advanced Materials Co., Ltd.**

**企辰节能新材料有限公司**

**Certificate of analysis**

Product	Tris (2-chloroisopropyl) phosphate (TCPP)	Company Standard	Q370921YR01-2020
MFG Date	2023. 01. 20	LOT NO.	2023003004
EXP Date	2024. 01. 19	Inspection Date	2023. 03. 25
Name	Requirements	Results	
Appearance	colorless and transparent liquid	colorless and transparent liquid	
Acidity (mg KOH/g, %)	≤0.05	0.031	
Water Content (m/m, %)	≤0.05	0.028	
Chroma (Pt-Co)	≤20	10	
Viscosity (mPa. s, 25°C)	66±6	69	
Phosphorus Content (% wt)	9.0-9.8	9.32	
Chlorine Content (% wt)	32.0-32.8	32.24	
Density (g/cm <sup>3</sup> , 20°C)	1.285-1.295	1.295	
Conclusion	QUALIFIED		

TESTED BY:

zhao Lijong

KED BY:

Wang Jie