



岳阳昌德新材料有限公司
Yueyang Changde New Materials Co., Ltd.

Certificate of Analysis

Product Name: Dipropylene glycol
Batch No.: DPG-250510
Standard: HG/T 5799-2021

Issue Date: 2025-05-10
Production Date: 2025-04-30
Shelf life: 12 months

Items	Qualified Grade	Superior Grade	Results	Test Method
Appearance	Colorless clear liquid	Colorless clear liquid	Pass	Visual inspection
Odor	/	Pass	Pass	Olfactory
Hazen (Pt-Co)	20 max.	10 max.	5	GB/T 3143
Purity w%	99.50 min.	99.70 min.	99.98	HG/T 5799-2021
MPG Content w%	0.2 max.	0.2 max.	0.01	HG/T 5799-2021
TPG Content w%	0.1 max.	0.1 max.	0.01	HG/T 5799-2021
Water content w%:	0.20max.	0.10max.	0.02	GB/T 6324.8
Acidity w/%	0.003 max.	0.003 max.	0.002	HG/T 5799-2021
Density (20°C) g/cm ³	1.020-1.025	1.020-1.025	1.0214	GB/T 29617

CONCLUSION:

Superior Grade

For and on behalf of
YUEYANG CHANGDE NEW MATERIALS CO., LTD.
岳阳昌德新材料有限公司

Remark:

Identifier: Bai Jie

Reviewe: Liu Ying

Authorized Signature(s)