

Gree Industry Co.,Ltd

Chemical Zone,Gaoxin District 255000 Zibo City,Shandong China

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CERTIFICATE OF ANALYSIS

Product Name: Dipropylene glycol

CAS: 25265-71-8

Batch No.: G250926		Date of Manufacture: 2025.09.26	
Batch Size: 20T		Date of Inspection: 2025.09.26	
Item	Standard Requirement	Test Method	Test Result
Appearance	Colorless and transparent viscous liquid without visible mechanical impurities	HG/T 5799-2021	Colorless and transparent viscous liquid without visible mechanical impurities
Odor	Pass	Q/0500DHX 003-2024	Pass
Color, Hazen units (Pt-Co)	≤ 10	GB/T 3143-1982	< 5
Relative density (d ₂₀ ²⁰)	1.0200-1.0250	GB/T 29617-2013	1.0246
Dipropylene glycol content, w/%	≥ 99.7	Q/0500DHX 003-2024	99.937
Propylene glycol, w/%	≤ 0.2	Q/0500DHX 003-2024	0.016
Tripropylene glycol content, w/%	≤ 0.1	Q/0500DHX 003-2024	0.007
Acidity (as acetic acid), w/%	≤ 0.0030	HG/T 5799-2021	0.0006
Water, w/%	≤ 0.10	GB/T 6324.8-2014	0.011
Iron, mg/kg	≤ 1	GB/T 3049-2006	Not detected

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Chloride, mg/kg	≤ 1	Q/0500DHX 003-2024	<1
Residue on ignition, w/%	≤ 0.003	Q/0500DHX 003-2024	0.001
Heavy metals (as Pb), ppm	≤ 20	Q/0500DHX 003-2024	<20
Arsenic, ppm	≤ 2	Q/0500DHX 003-2024	<2
Conclusion	Pass		

Analyst:LiuYan

Collator:Yang LiLi

