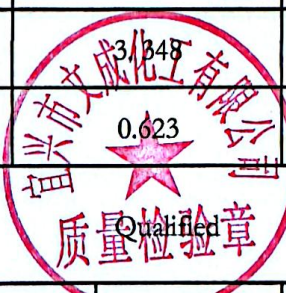


分析报告单

CERTIFICATE OF ANALYSIS

Product name	METHYLMORPHOLIN E-4-OXIDE SOLUTION	Chinese name:	N-甲基吗啉-N-氧化物
Batch number	2025.5.8.A2	CAS No:	80913-66-2
Sampling location	A3--9#	Molecular formula:	C ₅ H ₁₃ NO ₃
Inspection date	2025.5.8	Inspection basis:	Q/HY37-2024
Testing items	Inspection standards	Detection result	Test method
Appearance(25°C)	Colorless Transparent Liquid	Colorless Transparent Liquid	Visual Inspection
METHYLMORPHOLINE -4-OXIDE SOLUTION(ω /%)	49-52	50.18	Refractometer
Chromaticity platinum cobalt	≤10	≤5	Platinum cobalt colorimetric method
pH	10-12	11.38	PH meter
Hydrogen peroxide(ppm)	<10	2	Titration
Conductivity(us/cm)	<5	0.7	CONDUCTIVITY METER
Aluminum ion(ppb)	<50	7.691	ICPMS
Calcium ion (ppb)	<50	3.006	ICPMS
Chromium ions(ppb)	<50	1.203	ICPMS
Iron ion content(ppb)	<50	4.734	ICPMS
Potassium ion(ppb)	<50	2.462	ICPMS
Magnesium ion(ppb)	<50	0.325	ICPMS
Sodium ion(ppb)	<50	3.348	ICPMS
Copper ion(ppb)	<50	0.023	ICPMS
Conclusion			
Analyst	Xiao jun Zhang	Reviewer	Jian qiang Zhou