源叶
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Certificate of Analysis

Date of Testing:	2026-03-31 18:15:29
Date of Next Testing:	2030-03-30 18:15:29
Product Name:	**Tetramethylammonium hydroxide pentahydrate**
CAS Number:	10424-65-4
Specifications & Purity:	97%
Lot #:	C2611031
SKU #	**W12948**
Version	**0**
Analysis #:	**688275**
Storage Temperature:	Room temperature,Argon charged

Parameter	**Limit Values**	**Result**
Melting point	67-73（℃）	68.40000 ℃
Purity(Neutralization titration)(calcd.on anh.substance)	96.5-103.5（%）	99.51 %
PH(1%,in Water)	12.5-13.5	13.00
Alkalinity	46.5-49.5（%）	49.34 %
Carbonate(CO3)	0-1（%）	0.13 %
Water by Karl Fischer	44-52（%）	48.00 %
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility in H2O，Colorless,Clear,100 mg/mL, H2O	pass	Pass
Appearance(W12948)	Colorless needles,crystals or solid	Colorless needles,crystals or solid

Quality Assurance：XiaoyongTan
Quality Control：YunfeiZhu

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质检专用章