



CERTIFICATE OF ANALYSIS

Product	Choline Chloride
Grade	High Purity Grade
Product Code	CB0299
Formula	$(\text{CH}_3)_3\text{N}(\text{Cl})\text{CH}_2\text{CH}_2\text{OH}$
MW	139.62
CAS#	67-48-1
Lot #	

Test Items	Specifications	Results
Appearance	White Powder	
1,4-Dioxane Test	PASS/FAIL	
Arsenic	$\leq 0.0002\%$	
Heavy metals	$\leq 0.001\%$	
Water	$\leq 0.5\%$	
pH (25°C, water)	4.5-7.5	
Assay (anhydrous Basis)	$\geq 98.0\%$	
Residue on Ignition	$\leq 0.10\%$	

Storage: 2~8°C