



Certificate of Analysis

Product name	Creatinol-O-Phosphate	CAS No.:	6903-79-3
Package:	25kg/drum	Quantity:	200kg
MFG Date:	2025/1/6	EXP Date:	2027/1/5
Batch No.:	COP2501062	Standard:	USP

Item	Specification	Results
Appearance	White powder	Conform
Identification	IR	Conform
Loss on drying	$\leq 1.0\%$	0.6%
Residue on ignition	$\leq 0.1\%$	0.03%
Chloride	$\leq 200\text{ppm}$	$< 200\text{ppm}$
pH	3.0-5.0	4.0
Free phosphate	$\leq 0.7\%$	0.3%
Arsenic	$\leq 0.1\text{ppm}$	$< 0.1\text{ppm}$
Lead	$\leq 3.0\text{ppm}$	$< 3.0\text{ppm}$
Cadmium	$\leq 0.1\text{ppm}$	$< 0.1\text{ppm}$
Mercury	$\leq 0.1\text{ppm}$	$< 0.1\text{ppm}$
Mesh	100% Through 80 mesh	Conform
Total plate count	$\leq 1000\text{cfu/g}$	Conform
Yeast & Mold	$\leq 50\text{cfu/g}$	Conform
Coliforms	Negative	Negative
Salmonella	Negative	Negative
Chromatographic purity	$\geq 98\%$	98.6%
Assay	$\geq 98\%$	98.8%
Conclusion:	The goods conform the standards of USP.	