

CERTIFICATE OF ANALYSIS

Product Name	Potassium Citrate	Batch No	PY-PC20210311
Quantity	1000KG	Analysis Date	Mar.14,2021
Mfg. Date	Mar.11,2021	Exp. Date	Mar.10,2023
Package	25kg/bag	Standard	BP

No.	Item	Specification	Result
1.	Appearance	White granular	Complies
2.	Identification(A,B)	To pass test	Complies
3.	Assay	99.0%-100.5%	99.8%
4.	pH	7.5-9.0	8.7
5.	Organic Volatile Impurities	Complying with the test	Complies
6.	Tartrate	Complying with the test	Complies
7.	Sieve analysis	To pass test	Complies
8.	Loss on Drying	3.0%-6.0%	4.6%
9.	Bulk Density Loose Tapped	0.60-1.10g/cc 0.70-1.20g/cc	0.90g/cc 1.13g/cc
10.	Particle Size Through 10 mesh Between a 20 -80 mesh Through 100mesh	>99.5% >70% >10%	99.0% 89.1% 8.8%
13.	Heavy Metals	≤10 ppm	<10 ppm
14.	Pb	≤3.0ppm	<3.0ppm
15.	As	≤3.0ppm	<3.0ppm
16.	Cd	≤1.0ppm	<1.0ppm
17.	Hg	≤0.1ppm	<0.1ppm
18.	Total Plate Count	1,000cfu/g max	70cfu/g
19.	Yeasts & Molds	100cfu/g	20cfu/g
20.	E.Coli	Negative	Negative
21.	Conclusion	Conform with BP98 Standard.	

Analyst: xuli

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