



CERTIFICATE OF ANALYSIS

Date: 17/09/14

**PRODUCT NAME : POTASSIUM DIHYDROGEN ORTHOPHOSPHATE GR
(ANHYDROUS)**

CAS No : 7778-77-0
Mol. Formula : KH_2PO_4
Mol. WT : 136.09

Product code : 24880
Batch No : MCR-8668
Mfd. : Sept. 2014

S.R	Test	Specification	Observation
1	Assay (acidimetric on dried substance)	99.5-100.5%	99.86 %
2	pH (5% aq.solution)	4.3 - 4.5	4.36
3	Water insoluble matter	0.01% max	0.006%
4	Chloride (Cl)	0.0005 % max	<0.0005 %
5	Sulphate (SO_4)	0.005 % max	<0.005 %
6	Nitrate (NO_3)	0.001% max	<0.001%
7	Ammonium(NH_4)	0.0025% max	<0.0025%
8	Lead (Pb)	0.0005% max	<0.0005%
9	Iron (Fe)	0.002% max	<0.002%
10	Sodium (Na)	0.03% max	<0.03%
11	Calcium (Ca)	0.01% max	<0.01%
12	Loss on drying(130 ⁰ C)	0.2% max	0.17%

REMARK: THE PRODUCT COMPLIES WITH THE ABOVE SPECIFICATIONS

[Tested By]

[QC Incharge]

**HEAD-QUALITY ASSUARANCE
(G.G.Salian)**

Note: Computer generated image requires no sign.

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Kulgaon, Badlapur (E), Dist.-Thane-421 503**