

PT. SMART LAB INDONESIA

MANUFACTURER OF ANALYTICAL REAGENTS

F/QCL/009 Rev.02

CERTIFICATE OF ANALYSIS

Product Name : Sodium Dihydrogen Orthophosphate Monohydrate AR

Mol. Formula : $\text{NaH}_2\text{PO}_4 \cdot \text{H}_2\text{O}$

Mol. Weight : 137.99 g/mol

Catalog No. : A-2370

Batch No. : Sample COA

Cas No : 10049-21-5

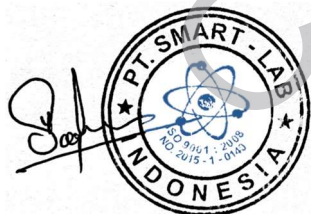
Shelf Life : 60 Months

NO.	TESTS	UNITS	SPECIFICATIONS	RESULTS
1.	Appearance	—	Colorless crystals	Colorless crystals
2.	Assay	wt %	99.0 – 102.0	99.994
3.	pH (5% solution at 25 °C)	pH	4.1 – 4.5	4.45
4.	Insoluble matter	wt %	max 0.01	0.0015
5.	Chloride (Cl)	wt %	max 0.0005	0.00065
6.	Sulphate (SO_4)	wt %	max 0.003	0.00028
7.	Calcium (Ca)	wt %	max 0.005	0.00087
8.	Iron (Fe)	wt %	max 0.0005	0.000106
9.	Potassium (K)	wt %	max 0.005	0.000177
10.	Lead (Pb)	wt %	max 0.0005	0.000041
11.	Nitrogen compound (N)	wt %	max 0.001	< 0.001

Not a hazardous substance or mixture according to Regulation (EC) No. 1272/2008

Result: The above product corresponds to AR Grade

Reference or standard of product specification to Analar standard and ACS specification



Yuvraj Sagvekar
Manager QC