



CERTIFICATE OF ANALYSIS

PRODUCT NAME : CALCIUM HYDROGEN PHOSPHATE DIHYDRATE
(Calcium Phosphate Dibasic dihydrate)

CAS No	: 7789- 77- 7	Product code	: 13250
Mol. Formula	: CaHPO₄.2H₂O	Batch No	: MCR-11986-01
Mol. WT	: 172.10	Mfd.	: March 2022
Date of analysis	: 22/03/22	Exp.	: Feb. 2027

S. R	Test	Specification	Observation
1	Description	White to almost white powder or crystalline powder	White crystalline powder
2	Assay	98 -105%	99.82%
3	Substance insoluble in HCl	0.2% max	0.06%
4	Carbonate (CO ₃)	Passes test	Passes test
5	Chloride (Cl)	0.125% max	<0.125%
6	Sulphate (SO ₄)	0.5% max	<0.5%
7	Heavy Metals (as Pb)	0.003% max	<0.003%
8	Arsenic (As)	0.0001% max	<0.0001%
9	Barium (Ba)	Passes test	Passes test
10	Iron (Fe)	0.04% max	<0.04%
11	Loss on ignition at 800 ⁰ C	24.5 – 26.5%	26.12 %

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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