



CERTIFICATE OF ANALYSIS

Date: 21/07/16

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

CAS No : 7789- 77- 7
Mol. Formula : $\text{CaHPO}_4 \cdot 2\text{H}_2\text{O}$
Mol. WT : 172.10
Exp. : June 2021

Product code : 13250
Batch No : MCR-11986
Mfd. : July 2016

S. R	Test	Specification	Observation
1	Assay	98 -105%	99.84%
2	Substance insoluble in HCl	0.2% max	0.04%
3	Carbonate (CO_3)	Passes test	Passes test
4	Chloride (Cl)	0.125% max	<0.125%
5	Sulphate (SO_4)	0.5% max	<0.5%
6	Heavy Metals (as Pb)	0.003% max	<0.003%
7	Arsenic (As)	0.0001% max	<0.0001%
8	Barium (Ba)	Passes test	Passes test
9	Iron (Fe)	0.04% max	<0.04%
10	Loss on ignition at 800°C	24.5 – 26.5%	26.07 %

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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