



## CERTIFICATE OF ANALYSES

Not suitable as API and/or Excipient for pharmaceutical production for human and veterinary drugs

Batch number	H0621G9	H0721G9	H0821G9	H0921G9	H0125G9	H0222G9	H0322G9	H0422G9	H0522G9	H0622G9
Weight (kg)	520	520	520	520	520	520	520	520	520	520
Date	21-jul-19	21-jul-19	21-jul-19	21-jul-19	22-jul-19	22-jul-19	22-jul-19	22-jul-19	22-jul-19	22-jul-19
Exp. Date	21-jul-21	21-jul-21	21-jul-21	21-jul-21	22-jul-21	22-jul-21	22-jul-21	22-jul-21	22-jul-21	22-jul-21
analysis	Limits									
Magnesium Identification	positive	positive	positive	positive	positive	positive	positive	positive	positive	positive
Carbonate Identification	positive	positive	positive	positive	positive	positive	positive	positive	positive	positive
MgO on drye product (%)	≥ 40,0 and ≤ 45,0	42,4	42,4	42,4	42,4	42,6	42,6	42,6	42,6	42,6
Insoluble in acetic acid (%)	≤ 0,05	0,01	0,01	0,01	0,01	0,01	0,01	0,01	0,01	0,01
Soluble in water (%)	≤ 1,00	< 1,00	< 1,00	< 1,00	< 1,00	< 1,00	< 1,00	< 1,00	< 1,00	< 1,00
Cl (ppm)	≤ 700	< 300	< 300	< 300	< 300	< 300	< 300	< 300	< 300	< 300
SO <sub>4</sub> (%)	≤ 0,30	< 0,30	< 0,30	< 0,30	< 0,30	< 0,30	< 0,30	< 0,30	< 0,30	< 0,30
Acetic solution appearance	No more coloured than B4	B7	B7	B7	B7	B7	B7	B7	B7	B7
As (ppm)	≤ 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Calcium as CaO (%)	≤ 1,05	0,18	0,18	0,18	0,18	0,18	0,18	0,18	0,18	0,18
Iron as Fe <sub>2</sub> O <sub>3</sub> (%)	≤ 0,057	0,003	0,003	0,003	0,003	0,003	0,003	0,003	0,003	0,003
Loss on drying (%)	≤ 3,0	1,9	2,0	2,3	2,5	2,2	2,2	1,8	2,2	2,4
Physical analysis	Limits									
Loss on calcination (%)	≥ 55,0 and ≤ 60,0	58,2	58,2	58,2	58,2	58,1	58,1	58,1	58,1	58,1
Apparent density	≤ 0,15	0,09	0,09	0,09	0,09	0,09	0,09	0,09	0,09	0,09
Residue on 45µm sieve (%)	< 3,00	0,65	0,65	0,65	0,65	0,65	0,65	0,65	0,65	0,65

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