



Omya

PRODUCT SPECIFICATION

CALCIPUR 5 - AL

6-PRODSPEC
DEAL S64024_E

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CALCIPUR[®] 5 - AL

Meeting EN 95/45/EC requirements for E 170 and FCC 5th Ed. 2004 for "Calcium carbonate".
Manufactured according to HACCP-principles.

Plant

BLAUBEUREN, Germany
(certified ISO 9001 and ISO 14001)

Chemical analysis

Assay, % CaCO₃	(C.A. & JECFA)	≥	98.0 %
Loss on drying	(C.A. & JECFA)	<	2.0 %
Acid insoluble substances	(C.A. & JECFA)	≤	0.2 %
Magnesium & alkali salts	(C.A. & JECFA)	≤	1.0 %
Fluoride	(C.A. & JECFA)	<	50 ppm
Sb + Cu + Cr + Zn + Ba	(C.A. & JECFA)	<	100 ppm
Arsenic	(C.A. & JECFA)	<	3 ppm
Lead	(C.A. & JECFA)	<	3 ppm
Cadmium	(C.A. & JECFA)	≤	1 ppm
Heavy metals (as Pb)	(FCC)	<	30 ppm
MgCO₃	(XRF)	≤	0.45 %
Fe₂O₃	(XRF)	≤	0.02 %

No processing aids added

Sieve residue > 45 µm	(ISO 787/7)	≤	0.2 %
Particle size distribution < 2 µm	(Sympatec Helos R3)		30 – 45 %
Brightness Ry	(C/2°, DIN 53163)		89 – 92 %