

Levels of nitrite content in Ceolus™ MCC

Test results

Grade		Number of batches tested	Number of batches with less than LOD (0.008 µg / g)	Nitrite max observed (µg / g)
Ceolus™ KG Highly compactible MCC with fibrous particles	KG - 1000	14	12	0.011
	KG - 802	23	20	0.014
Ceolus™ UF Porous MCC with balance of compactibility and flowability	UF - 702	25	23	0.010
	UF - 711	22	21	0.010
Ceolus™ PH Standard grade with high quality	PH - 101	33	14	0.034
	PH - 102	39	15	0.026
	PH - 200	8	4	0.022
	PH - 301	9	9	< 0.008
	PH - 302	7	6	0.010

Batches in the 1st plant (Nobeoka) tested from Jan. 2022 to Jan. 2024
Results derived from testing done internally at Asahi Kasei

Test methods

Test methodology	Suppressed ion chromatography
Column	Anion Exchange Chromatography Column (4.6 mm I.D × 15 cm)
Mobile phase	Sodium Carbonate / Sodium Hydrogen Carbonate eluent solution
Flow rate	1.0 mL / min
Oven temperature	40 °C
Sample injection volume	30 - 100 µL
Detector	UV-VIS detector (Wavelength 210 nm)
LOD (Limit of Detection)	0.008 µg / g