TABRIZ PHARMA
Tabriz Chemical and Pharmaceutical Ind.

Physico-Chemical Specification of product

Light Magnesium Carbonate

Name / Internal code: Light Magnesium Carbonate (3201050)
Sampling SOP: SOP/QC-027
Precaution: SDS/PR-031
Testing SOP: SOP/QC-124
Specification code: QC/MGC-030
Validity date: 1 year

No.	Chemical Analysis	Specifications	Reference
01	Characteristics	White or almost white powder	BP2023
02	Identification A (Bulk density)	Max. 0.15 g/ml	BP2023
	Identification B,C	According to BP requirements	BP2023
03	Solubility	Practically insoluble in water, It dissolves in dilute acids with effervescence.	BP2023
04	Appearance of solution	According to BP requirements	BP2023
05	Soluble substances	Max.1.0 %	BP2023
06	Substances insoluble in acetic acid	Max. 0.05 %	BP2023
07	Chlorides	Max. 700 ppm	BP2023
08	Sulfates	Max. 0.3 %	BP2023
09	Elemental impurities:		
	Arsenic	Max. 1 ppm	BP2023
	Cobalt	Max. 1 ppm	BP2023
	Nickel	Max. 50 ppm	BP2023
	Vanadium	Max. 5 ppm	BP2023
10	Iron	Max. 400 ppm	BP2023
11	Calcium	Max. 0.75%	BP2023
12	Assay (as MgO)	40.0 - 45.0%	BP2023

Additional test: Not Applicable

Remark: Not Applicable

Packing and storage: Keep in well-closed container & dry place

QC Manager: Tahmasebi 17.07.2024

QA Manager: Faridi 17.07.2024

QA APPROVED
By: Faridi
Date: 17.07.2024

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