TABRIZ PHARMA
Tabriz Chemical and Pharmaceutical Ind.

Physico-Chemical Specification of product

Magnesium Citrate Nonahydrate

Name / Internal code: Magnesium Citrate Nonahydrate (3201013)
Sampling SOP: SOP/QC-027
Precaution: SDS/PR-040
Testing SOP: SOP/QC-154
Specification code: QC/MCN-033
Validity date: 1 year

No.	Chemical Analysis	Specifications	Reference
01	Characteristics	White or almost white, fine powder	BP2023
02	Identification A,B,C	According to BP requirements	BP2023
03	Solubility	Sparingly soluble in water, practically insoluble in ethanol (96 per cent). It dissolves in dilute hydrochloric acid.	BP2023
04	Appearance of solution	According to BP requirements	BP2023
05	pH	6.0-8.5	BP2023
06	Calcium	Max 0.2%	BP2023
07	Iron	Max. 100 ppm	BP2023
08	Oxalates	Max. 280 ppm	BP2023
09	Sulfates	Max. 0.2%	BP2023
10	Loss on drying	24.0-28.0 %	BP2023
11	Assay	15.0-16.5%	BP2023

Additional test: Not Applicable

Remark: Not Applicable

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

QC Manager: 14.07.2024

QA Manager: 14.07.2024

QA APPROVED
By:
Date: 14.07.2024

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