TEMAD CO.
(Active Pharmaceutical Ingredient Manufacturer Co.)

Title: Specification Form			
Code: TEM-QA-SOP-017/F.01.02	**Effective Date:** 02 July 2026	**Revision date:** 02 July 2028	Page 1 of 1

Trade Name:					
Chemical Name: **Activated Carbon (Acidic)**					
CAS No.: [7440-44-0]					
Raw material/ Excipient ■	Starting material/Intermediate □	API product □	Semi-finished product □	Finished product □	
Method of analysis:	USP □	BP □	EP □	JP □	In House ■
Handling and Storage: **Preserve in tight, light-resistant containers, and store at room temperature.**					

Chemical specification

No.	Item	Standard-Specification	Ref.	Recommendation
1	**Description**	Black powder	In-House	
2	**Solubility**	Insoluble in water and solvents	In-House	
3	**Methylene blue value**	Not less than 200 mL/g	In-House	
4	**Bulk density**	Not less than 0.2 g/mL	In-House	
5	**Iron content**	Not more than 0.03%	In-House	
6	**pH**	2-5	In-House	
7	**Loss on drying**	Not more than 15 %	In-House	
8	**Sulfated ash**	Not more than 4 %	In-House	

Written by	Reviewed by		Approved by		Documentation Stamp
QC Supervisor	QC Manager	R&D Manager	QA Manager	Qualified Person	Validated (Original Document)