

BNM Group / BNM Petroleum

Technical Reference Sheet

Material	Acetic Acid	Document ID	TR-ARPC-ACETICACID
Grade	Acetic Acid (AA), glacial	Date Generated	2026-09-11
Reference Producer	Shazand Petrochemical / ARPC	Producer Country	Iran

1. Reference Scope

This Technical Reference Sheet provides technical properties for **Acetic Acid**, grade/designation **Acetic Acid (AA), glacial**, as referenced from the official producer source cited below. It is intended for commercial pre-qualification and technical comparison only.

Reference Producer: Shazand Petrochemical / ARPC | **Producer Grade:** Acetic Acid (AA), glacial

2. Application

Used as feedstock for vinyl acetate, acetate esters and monochloroacetic acid production, and as a solvent/reagent in rubber, plastics, fiber, dye and textile processing.

3. Technical Properties

Property	Value	Unit	Test Method	Condition	Source Page
Purity	99.5	WT.% MIN.	ASTM E-302	—	not paginated
Water Content	0.4	WT.% MAX.	ASTM E-203	—	not shown
Formic Acid	0.15	WT.% MAX.	ASTM D-3546	—	not shown
Acetaldehyde	300	PPM MAX.	UHDE GCL 3	—	not shown
Iron	1	PPM MAX.	ASTM D-3941	—	not shown
Specific Gravity	1.0505-1.0525	—	ASTM D-4052	20/20°C	not shown
Color	10	APHA MAX.	ASTM D-1209	—	not shown

4. Processing / Handling Notes

Parameter	Value	Unit	Notes	Source Page
Storage condition	Dry, cool, well-ventilated place; containers tightly closed	—	Dry nitrogen blanketing recommended for storage tanks; bulk storage in stainless steel 316 tanks; store above 17°C (63°F), protect from freezing; non-sparking tools, explosion-proof ventilation, no smoking, bonding/grounding for transfers, outside/detached storage preferred	not shown
Packing	Bulk or 70-liter PE drums (60 kg net), 9 drums per pallet	—	—	not shown

5. Commercial / Technical Notes

- Consistent with Phase 2B extraction (freezing point 15-16C was cited in Phase 2B; this fresh pass did not re-extract a freezing point row, so it is omitted here rather than invented) -- no contradictions found on the properties that were captured this pass.
- Document does not carry an explicit printed title; material/producer identity confirmed via contact block on the page.

7. Source Attribution

Official Source URL	https://arpc-ir.com/downloads/aa.pdf
Source Document Title	not explicitly titled on document (Acetic Acid (AA) technical/product specification sheet)
Source Revision	not shown on document
Source Document Date	not shown on document
Source Document Type	Technical Data Sheet (producer PDF)
Source Verified	Yes
Exact Grade Match	Yes

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