



大连汉德姆精细化学品有限公司

**DALIAN HANDOM CHEMICALS CO.,LTD.**

### Certificate of Analysis

**Product Name:** Acetazolamide

**Batch No.:** HDC20230603

**Manufacturing Date:** Jun 3<sup>rd</sup>, 2023

**Packing Size:** 20Kg/Drum

**CAS No.:** 59-66-5

**Batch Quantity:** 30.73Kg

**Retest Date:** Jun 2<sup>nd</sup>, 2026

**Report Date:** Jun 12<sup>th</sup>, 2023

Test Items		Specifications	Test Results
Description	Characteristic	White acicular crystalline or crystalline powder; odourless	White crystalline powder; odourless
	Solubility	Slightly soluble in boiling water, extremely slightly soluble in water or ethanol, almost insoluble in chloroform or ether, and soluble in ammonia	Conforms
Identification	Physical and chemical identification 1	Produces a white sediment	Conforms
	Physical and chemical identification 2	Produces a ethyl acetate aroma	Conforms
	Infrared Identification	The infrared absorption spectrum of this product should match with that of the working standard (infrared absorption spectrum 9)	Matches with the working standard
pH Value		4.0 ~ 6.0	5.1
The clarity of an alkaline solution		The solution should be clarified	Conforms
Chloride		Not more than 0.014%	Conforms
Sulphate		Not more than 0.04%	Conforms
Related Substances		Total impurities shall be: Not more than 1.0%;	0.041%
		The single impurity: Not more than 0.5%	0.02%
Silver reduction		Consumption of ammonium thiocyanate titrates (0.1mol/L) shall not be less than 4.8 ml	5.1ml



大连汉德姆精细化学品有限公司

**DALIAN HANDOM CHEMICALS CO.,LTD.**

### Certificate of Analysis

**Product Name:** Acetazolamide

**CAS No.:** 59-66-5

**Batch No.:** HDC20230603

**Batch Quantity:** 30.73Kg

**Manufacturing Date:** Jun 3<sup>rd</sup>, 2023

**Retest Date:** Jun 2<sup>nd</sup>, 2026

**Packing Size:** 20Kg/Drum

**Report Date:** Jun 12<sup>th</sup>, 2023

Loss on Drying	Not more than 0.5%	0.05%
Residue on Ignition	Not more than 0.1%	0.07%
Heavy Metals	Not more than 20 ppm	Conforms
Residual Solvents	Glacial acetic acid: Not more than 0.5%	Not detected
	Acetonitrile: Not more than 0.041%	Not detected
Assay	98.0% ~ 102.0% (C <sub>4</sub> H <sub>6</sub> N <sub>4</sub> O <sub>3</sub> S <sub>2</sub> )	99.4%
Microbial Limits	Total aerobic bacteria: Not more than 1000CFU/g	< 10CFU/g
	Total molds and yeasts: Not more than 100CFU/g	< 10CFU/g

**Conclusion:** This product is tested in accordance with CH.P (VERSION 2020-2) and <<Acetazolamide Quality Standard>> SCZ-QS-PF-A013 (01), the product CONFORMS the Specifications.