

## CERTIFICATE OF ANALYSIS

Product Name	Brinzolamide	CAS NO.	138890-62-7
Batch No.	20200402	Mfg. Date	2020-04-02
Report Date	2020-04-02	Exp. Date	2021-04-01
Quantity	15.5 Kgs	Quality Standard	USP35
TEST	SPECIFICATIONS		RESULTS
Appearance	White to yellow crystalline powder		White crystalline powder
Identification	1	Should meet the requirement	Conforms
	2	Shoule meet the requirement	Conforms
Impurity A	$\leq 0.5\%$		N.D.
Impurity B	$\leq 0.3\%$		N.D.
Max individual unknown impurity	$\leq 0.1\%$		0.069%
Total impurity	$\leq 1.0\%$		0.23%
Loss on drying	$\leq 0.5\%$		0.01%
Residue on ignition	$\leq 0.1\%$		0.02%
Heavy metal	$\leq 20\text{ppm}$		符合规定 Conforms
Residual solvent	Ethanol $\leq 5000\text{ppm}$		70ppm
	Isopropanol $\leq 5000\text{ppm}$		N.D.
	Ethyl acetate $\leq 5000\text{ppm}$		N.D.
	Dichloromethane $\leq 600\text{ppm}$		N.D.
	Acetonitrile $\leq 410\text{ppm}$		N.D.
	Tetrahydrofuran $\leq 720\text{ppm}$		N.D.
Assay	98.0%~102.0%(Calculated on the dried basis)		99.79%
Conclusion	The results conform to the USP40		