

## CERTIFICATE OF ANALYSIS

Name of Product: 2,3,5-Triphenyl-2H-tetrazolium Chloride	
Batch No.: 20180605	CAS:298-96-4
Quantity: 10kg	Manufacture date: 2018.06.05
Test date: 2018.06.05	Retest date: 2020.06.04

Test Items	Quality Standard	Test Result
Appearance	White or off white solid	Conforms
Assay	$\geq 99.0\%$	99.3%
loss on drying	$\leq 1.0\%$	0.5%
Water content	$\leq 0.5\%$	0.23%
Residue on ignition	$\leq 0.50\%$	0.30%
Heavy metal	$\leq 0.0005$	0.0003
Ultraviolet Absorbance UVA	260nm $\leq 0.05$	0.04
	280nm $\leq 0.03$	0.02
Melting point	247~250°C	248°C
Solubility	Colorless clarification	Conforms
P H	10.0~11.0	10.5
Storage conditions	Cool and dry, no more than 26°C	

**Conclusion: This product conforms to the Enterprise Standard.**

Analyst: 王莹

Checker: 朱明

Supervisor: 王静