

# Certificate of Analysis

## 检验报告书

名称Name	TRIS HCL USP	CAS No.	1185-53-1
别名 Chemical Name	Tris(hydroxymethyl)aminomethane hydrochloride	储存Storage	常温

检测项目 Inspection Items	检测结果 Results	方法/备注 Method/remarks
纯度/Assay(%)-Titration, dried basis	≥99.5	(Assay-IM-01)
外观 Appearance)	White crystal powder	Visual
鉴别/Identification-IR, Conforms to known standard	PASS	USP
Solubility (20% w/w in H <sub>2</sub> O)	Complete and Colorless	(SOLUB-IM-01)
熔点/Melting Point (°C)	147 – 153°C	USP
酸碱值/pH-0.5M in H <sub>2</sub> O	3.5 ~ 5.0	USP
干燥减重/LOD(%)-105°C,40 mins	≤0.5	(MOS001-IM-01)
Moisture, by KF	≤0.5	USP
灰份/Sulfated Ash (%)-ROI	≤0.03	USP
UV 吸收值/UV(Abs)-A260nm (10% in H <sub>2</sub> O)	≤0.06	(UV-IM-01)
UV 吸收值/UV(Abs)-A280nm (10% in H <sub>2</sub> O)	≤0.06	(UV-IM-01)
UV 吸收值/UV(Abs)-A300nm (10% in H <sub>2</sub> O)	≤0.02	(UV-IM-01)
UV 吸收值/UV(Abs)-A400nm (10% in H <sub>2</sub> O)	≤0.01	(UV-IM-01)
内毒素/Endotoxin-(EU/mg)	≤0.01	USP
溶剂残留量/Residue solvent-Methanol(%)	≤0.3	* Methanol is not used in TRIS HCL production
溶剂残留量/Residue solvent-IPA(%)	≤0.5	*directed under Loss on Drying
溶剂残留量/Residue solvent-Ethylmethylketone(%)	≤0.5	Ethylmethylketone is not used in TRIS HCL production
溶剂残留量/Residue solvent-Ethanol(%)	≤0.5	Ethanol is not used in TRIS HCL production

**结论 Conclusion: 产品符合公司标准 The Product Meets Company Standard**

分析者 Analyst	王霞	审核 Checked	张晓艳	质检经理 QC Manager	朱明亮
----------------	----	---------------	-----	--------------------	-----