

# Specification

*Pyrroloquinoline Quinone Disodium Salt(PQQ)*

*Naturally Fermentation*

*USP standard*

*CAS. 122628-50-6*

<b>Items</b>	<b>Specification</b>
Appearance	Red or reddish-brown powder
Identification	Conforms to the reference solution UV A233/A259: $0.90 \pm 0.09$ UV A322/A259: $0.56 \pm 0.03$
Water	$\leq 12\%$
Assay (on dry basis)	$\geq 99.0\%$
<b>Elemental Impurities</b>	
Arsenic	$\leq 0.5\text{ppm}$
Cadmium	$\leq 0.3\text{ppm}$
Lead	$\leq 1.0\text{ppm}$
Mercury	$\leq 0.2\text{ppm}$
<b>Microbial Limit</b>	
Total aerobic bacterial count	NMT 1000cfu/g
Mold and yeast count	NMT 100cfu/g
Escherichia coli	Absent/10g
Enterobacterial	NMT 100cfu/g
Salmonella	Absent/10g
Staphylococcus aureus	Absent/10g

Version No.LD001  
Issue date: 1, Aug, 2022